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W.W.BARNARD & CO.

1901



SEEDSMEN
CHICAGO

NOVELTIES ON CATALOGUE COVERS.

EACH ONE OF STERLING WORTH. WITHIN THE REACH OF ALL.



APANESE gardeners are noted for their superior skill. They **excel** all others in their **art of dwarfing trees**, which is a secret process, guarded with utmost care, and known to themselves only. During the World's Fair a specimen tree (similar in character to the illustration) was exhibited with the statement that it had lived hundreds of years. These dwarf trees are extremely rare. **We have none to offer.**

Many of the most highly prized occupants of American gardens originated in the land of the Mikado. Some of the more prominent obtained from that source are depicted in A JAPANESE GARDEN — the subject of front cover.

LILIES. To the left in a circle is seen the Gold Banded Lily; its close relative, L. Rubrum, occupies the next space. (Price and description, p. 86.)

MORNING GLORY. Famous for extremely large and most beautiful flowers. An individual bloom is shown in circle; the growing vine loaded with flowers, at the corner of the balcony. (Price and description, p. 72.)

CLEMATIS PANICULATA. At the left of the picture this beautiful climber, almost enveloped in masses of white flowers can be observed. Trained to a pillar (its best location), it adds to the comfort and beauty of many an American summer home. Being hardy, it stands our winters. (Price and description, p. 95.)

CHRYSANTHEMUMS. In the improvement of the flowers of this very popular plant, the Japs for many years were far in advance. American florists have since brought the flower to an exalted degree of superiority, chiefly by throwing the whole strength of the plant into one bloom. (Price and descriptions, p. 91.)

FERN BALL. The beautifully leaved object suspended nearly over the Chrysanthemum can be developed within a few weeks **from an apparently lifeless ball of dried roots.** Water, air, and sun are all the elements required to effect the transformation. (Price and description, p. 91.)

JAPAN SNOWBALL. This is in the foreground and surrounded by a circle. It will be noticed the whole bush is **completely covered and loaded down with great balls of pure white blossoms.** A grand shrub that lives over winter almost anywhere. One of the things you surely ought to have in the dooryard. (Price and description, p. 93.)

IRIS. The flowers of Iris Kaempferi in their richness and delicacy of coloring are most remarkable. They are among the most beautiful sights the garden border affords in the month of June. Shown at foot of cover page. (Price and description, p. 94.)

Corn, Oats, . . .
. . . Potatoes.

For the Agriculturist. || 3 Leading . . .
. . . Crops.

ILLUSTRATED ON BACK COVER OF THIS CATALOGUE.

P

ROSPEROUS farmers are they who practice their calling upon modern lines. The man who "tickled the earth with a hoe" was wont to sow his oat patch with seed taken from a bin of grain bred from previous generations, and grown upon the same farm. Bye and bye he complained, with good reason, that "the seed had run out." Is it a matter of surprise?

The well-posted agriculturist exercises as much care in the **selection** and **changing** of his seed stocks as he provides for the **rotation of crops** upon his farm. Now is a favorable opportunity to infuse new blood into three crops.

OATS, Irish Victor. A grand novelty from the north of Ireland. Stools out well; has very stiff straw. Plump, exceedingly heavy grain. (Description and price, p. 51.)

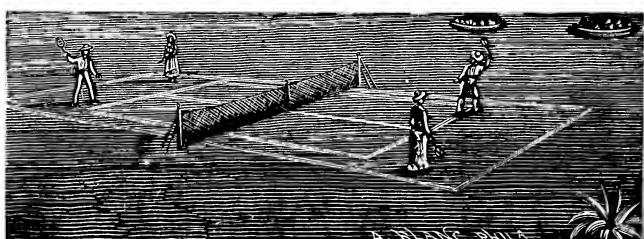
CORN, Barnard's Early Yellow Dent. A large-eared, early 90-day corn, the result of scientific selection with a definite end in view. Has ripened and made a good crop as far north as Wisconsin. (Price and description, p. 49.)

POTATO. Sir Walter Raleigh. Scarcely a farmer who is not familiar with the **money bringing** qualities of Rural New Yorker No. 2 and Carman No. 3 potatoes. The late E. S. Carman, their originator, claimed Sir Walter Raleigh was his best origination. It is a **main crop** potato, now well tested in different parts of the country and indorsed by highest recommendation for yield and quality. (Price and description, p. 41.)

GRASS SEED FOR LAWNS.

BARNARD'S "Perpetual Green" LAWN MIXTURE.

It is unequalled for tennis and croquet grounds and for making a lawn around the house. The grasses of which it is composed will in the shortest time possible produce a beautiful dwarf, compact turf, which will endure the summer heat, and insure a rich, deep green sward throughout the season. We take every precaution by the most painstaking cleaning to eliminate as far as possible all weed seeds. Lb. 35c, postpaid. **Not prepaid,** lb. 25c; 5 lbs. or more at 20c per lb; bags included.



Order Sheet to W. W. BARNARD & CO.

POSTPAID. At prices quoted we pay the postage on all VEGETABLE SEEDS by the packet, ounce, quarter pound, pound, pint and quart and all FLOWER SEEDS. If Vegetable Seeds by the pound, pint or quart are ordered sent by express or freight, 10 cents per pound, 15 cents per quart on Peas and Beans and 10 cents per quart on Corn may be deducted. We also pay the postage on Bulbs and Plants except where noted.

PACKET AND OZ. SEED DISCOUNTS.

Purchasers may make selections of seeds in *Packets and Ounces* at these discounts:

For 25 cents Seeds in packets and oz. to the amount of 30c.
For 50 cents seeds in packets and oz. to the amount of 65c.
For \$1.00 select seeds in pkts. and oz. amounting to \$1.30.
For 2.00 select seeds in pkts. and oz. amounting to 2.70.
For 3.00 select seeds in pkts. and oz. amounting to 4.00.

ON SEEDS IN BULK.

From Catalogue Prices by the $\frac{1}{4}$ pound, pound, peck or bushel, when cash is sent with order, purchaser may deduct 5 per cent. on an order from \$3.00 to \$5.00, and 10 per cent. on an order from \$5.00 to \$10.00. This discount refers to **SEEDS** quoted in catalogue *by weight or measure* (except in the division of **FARM SEEDS**, pages 49-56) and not to **Potatoes** or **Bulbs**, nor to seeds in packets and ounces.

Half pounds and over are sold at *pound rates*, **pecks** and over at *bushel rates*, unless otherwise specified.

Please order *Flower Seeds by number.* *Vegetable Seeds by name.*

Please order *Flowers & Seeds by Number*. Extra Order Sheets furnished on application.

Your Name.....

How to Forward Money Safely.—See directions in Catalogue.

Post-Office

Amount Enclosed, \$.....

County..... **State**.....

Express Order, Draft,
Postal Note, Etc.

Express or Freight Office { State on this line whether wanted sent by Mail, Express or Freight.

Date..... 1901

We shall esteem it a great favor if you will give us in the spaces below the NAMES AND ADDRESSES of any Neighbors and Friends among your acquaintances. We wish to send them OUR SEED CATALOGUE.

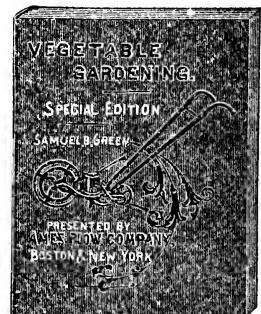
FREE PREMIUMS FOR OUR PATRONS.

Offers Good Until July 1, 1901.



STIRRED JAPANESE MAIZE

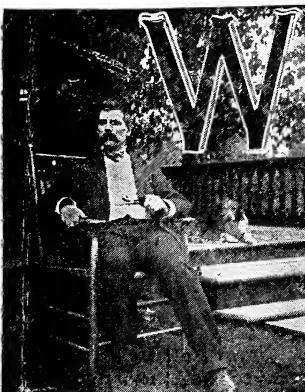
We will present one pkts.
of above on every garden or
flower seed order amounting
to 25c. *



This valuable book of 240 pages, containing over 120 illustrations (price in the regular edition is \$1.25), will be given this season free to every Purchaser of a Matthews New Universal Seeder of any of the various styles shown in this catalogue. Prof. Green holds the chair of Horticulture at the Minnesota Agricultural College, is a well-known and recognized authority, and his book is a ready reference in the treatment of all kinds of vegetables, from seed to market.

W. W. BARNARD & CO.'S

Descriptive Catalogue and Price List for 1901.



HAT MORE RESTING to a weary man than to sit beneath his own "vine and fig tree" and enjoy the pleasure which a well-kept garden affords? The contemplation of the vista of a carefully-trimmed orchard with its suggestions of delicious fruit; the healthy appearance of the velvety lawn and the beds of many-hued flowers, whose grateful fragrance is borne upon the air, tends to soothe disquieted nerves, gives relief to tired eyes, and proves a panacea for many of the lesser ills met with in life daily.

Planting time will soon be here—has come now. The preparation of the hot-beds is the first thought of the gardener, and is the forerunner of the long and busy season before him. Garden peas, which delight the palate of rich and poor alike, must be sown **early**. Putting in the Oat crop opens up the farm work.

What will you plant this year? The question will have to be decided in the near future. In our catalogue making, we have brought together several **new introductions of value**, added new suggestions here and there and reclothed in different language, some of the **older** but none the less **practical ideas**. May we hope that within the covers of the book something which you require may be found, and for which in due time we shall be favored with an order?

Friendship is a matter of growth. By correspondence we come into touch with great numbers of people everywhere. At all times, even in the most busy days of the seed season, we recognize with pleasure the handwriting of those who for many years have regularly entrusted to us the execution of their requirements in our line. These letters and orders are hailed with as much gratification as a visit from a time-honored friend.

WHILE we exercise great care to have all Seeds, Bulbs, and Plants pure and reliable, we give no warranty, express or implied, as to description, quality, and productiveness, or any other matter, of any Seeds, Plants, and Bulbs we send out, and we will not in any way be responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.—W. W. BARNARD & CO.

Shopping by Mail

IS BOTH PLEASANT AND PROFITABLE.

Y
OU can select your requirements in your own home, mail the order to us with the price given in this catalogue, and in a few days the seeds, etc., will be delivered, postpaid, to your Post Office—often to your door.

The postal laws permit the mailing of any quantity, provided no package exceeds four pounds in weight. Thus 40 lbs. can be sent in ten packages.

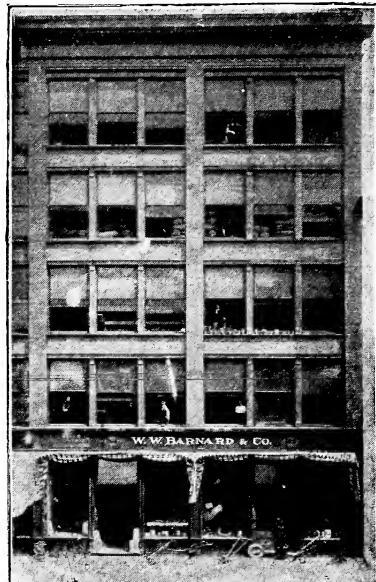
Seeds delivered Postpaid without extra charge. *

We deliver all Vegetable and Flower Seeds, Bulbs, and Plants (except such as from their size or otherwise are unavailable and so stated) postage paid.

We give a liberal discount on Seeds purchased by pkts. and ozs. FREE PREMIUMS to purchasers. See order sheet.

We guarantee that all goods shall reach the purchaser in good order.

Our Mail Department, taken in connection with our guarantee, enables customers thousands of miles away to purchase their supplies by mail with assurance of as good service as if waited on at the counters of our store.



* * WE OCCUPY * *
THE WHOLE DOUBLE STORE
↓ shown in above photograph. The entire floor space carries something that in some way is connected with gardening or farming.

No Order Is too Small to Receive Careful Attention.

A Few Suggestions.

ORDER EARLY. Please order soon after you receive this Catalogue, then you will have your seeds at hand for planting when you want them; besides if you want heavy seeds in large quantities, they can be sent by freight very cheaply.

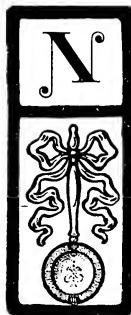
HOW TO ORDER. Always use the Order Sheet and printed Envelope sent with the Catalogue when possible. Write plainly; keep a copy of your order and be sure to sign your name, post office, county, and State every time you write to us. Please write each item of your order on a separate line, placing the quantity before each article and carry out the prices.

HOW TO REMIT. Send cash with order, by New York or Chicago Draft, Post Office Order, Express Order, or Registered Letter. It is not safe to inclose currency in a letter without having it registered. Postage stamps will be taken as cash.

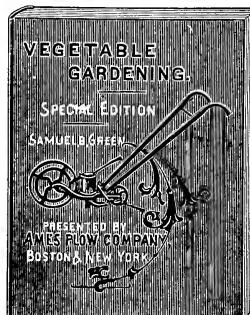
SHIPPING INSTRUCTIONS. When goods are to be shipped by Freight or Express, give plain shipping directions; otherwise we use our best judgment in regard to the matter.

ERRORS IN FILLING. Occasionally in the Spring rush, some seeds may be overlooked in filling or not as ordered. In such case we are willing to make corrections. Do not return any stock until you have written to us regarding the same.

Novelties and Specialties for 1901.



NOVELTIES continue to be sought after by almost everyone interested in agricultural or horticultural pursuits. On this and a few succeeding pages we offer a few selected novelties, and in addition we bring into prominence some specialties of more than ordinary merit. Descriptions of new things are for the most part as given by the respective introducers. We can with confidence recommend these specialties to our customers for a trial. We would direct the attention of the agriculturist to our Selected Farm Seeds, Grass Seeds of all kinds, etc. See pages 49 and onwards.



EXTRA EARLY

CRIMSON GLOBE BEET.

Combined with its extreme earliness it has beautiful shape and rich crimson color to command it.

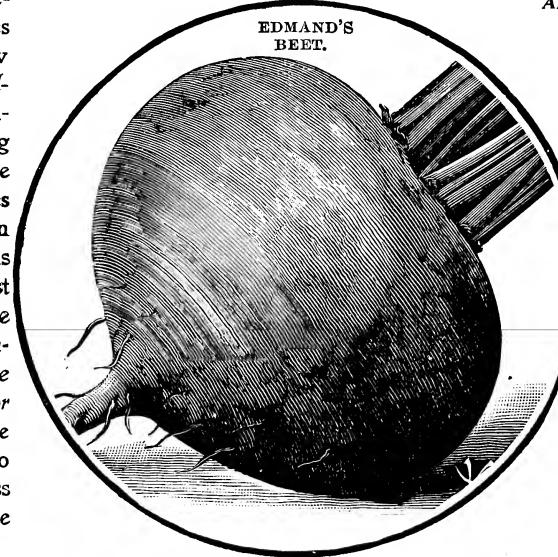
E NOVELTY of last season and one of the very best ever offered in Beets. In form it is spherical or globular—as handsome as one can imagine. Skin is deep red shading to purple. Flesh an even dark color throughout. Cooked, it is fine grained and of superior quality.

The CRIMSON GLOBE BEET is not only desirable for early use but is also recommended for main crop, as it keeps well until spring.

Everyone who has a few feet of ground for gardening should give Crimson Globe Beet a trial this season. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

BARNARD'S SELECTED EDMAND'S BLOOD BEET.

An Excellent Beet not only for the Market Gardener but for the House as well.



SPLENDID American variety which by careful, constant selection has become fixed and uniform in shape. The most uniform of all table beets, has small tops and short foliage of rich, dark red. The roots are round, handsome, clean and smooth with a single tap root. Does not grow very large, therefore does not require much thinning. Skin and flesh deep blood red; sweet and tender in quality. It matures early, gives every satisfaction as a bunching sort, and is an excellent keeper. It is the most popular main crop variety among our Market Garden customers about Chicago. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

"VEGETABLE GARDENING."

Special Edition of Prof. S. B. Green's Valuable Text Book.

CHIS VALUABLE book of 240 pages, replete with information and containing over 120 illustrations, of which the price in the regular edition is \$1.25, will be given this season to every purchaser of a Matthews New Universal Seeder of any of the various styles. Prof. Green holds the Chair of Horticulture at the Minnesota Agricultural College, is a well-known and recognized authority, and his book is a ready reference in the treatment of all kinds of Vegetables from seed to market. Every Farmer and Gardener should embrace this special offer in buying this seeder. The Matthews New Universal are unsurpassed and rank as the best Seeders on the market, and Prof. Green used them in his field tests.

FREE

**A VALUABLE
PRESENT
TO EVERY
PURCHASER OF
MATTHEWS
UNIVERSAL
SEEDER.**



DETROIT BEET.

DETROIT

DARK RED TURNIP BEET.

The Most Desirable Extra Early Beet for Planting Out of Doors.

EFIRST CLASS variety for everyone and especially for market gardeners. It is of such compact growth that more marketable beets may be grown on a given area than any other.

IT IS NOT ONLY BEAUTIFUL AND GOOD, BUT EXCEEDINGLY EARLY.

The Beets are perfect turnip-shape with small tap roots. Quality the very best, tender and sweet.

COLOR OF SKIN:
Dark Blood-Red; Flesh Bright Red, Zoned with a Lighter Shade.

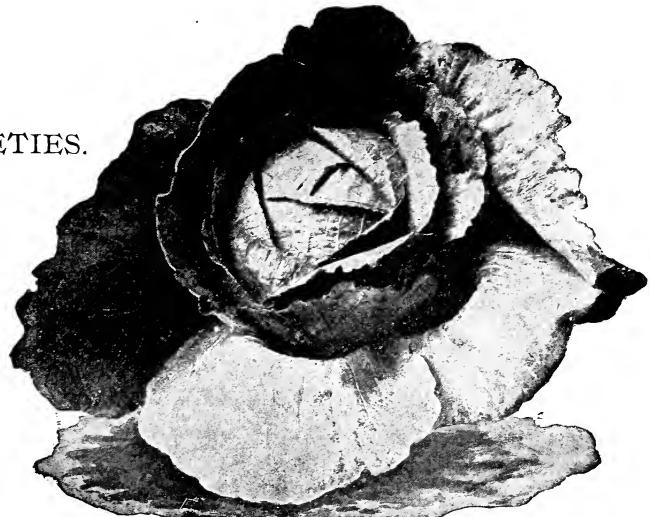
Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

CABBAGE.....

3 SELECTED VARIETIES.

• • • 20th Century • • •

ONE of the few novelties of the season. It is introduced by a leading seed firm with the claim that it is the **earliest of all cabbages**. It grows more compactly than either Wakefield or Winningstadt, thus yielding a larger crop. **The heads of the 20th Century** are round and solid as a cannon ball. For garden or market use it is unsurpassed. Pkt. 10c; oz. 25c.



20TH CENTURY CABBAGE.

EUREKA.

An Early, Dwarf, Flat
Cabbage.

TO Mr. Brill, the noted cabbage seed expert, belongs the honor of originating this new cabbage. He describes it as :—

"A hybrid between EARLY WAKEFIELD and SUCCESSION. Dwarf, flat, and general type of the latter, as early as the former and as hard as HOLLANDER."

Its form is shown in the illustration. Three heads with part of their leaves removed, cover a sugar barrel. It grows very compactly, thus yielding a much larger crop than other early varieties; a splendid keeper for an early variety on account of its solidness. For garden or market use it is unexcelled. Everyone should give this new variety a trial. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.75.



EUREKA CABBAGE.

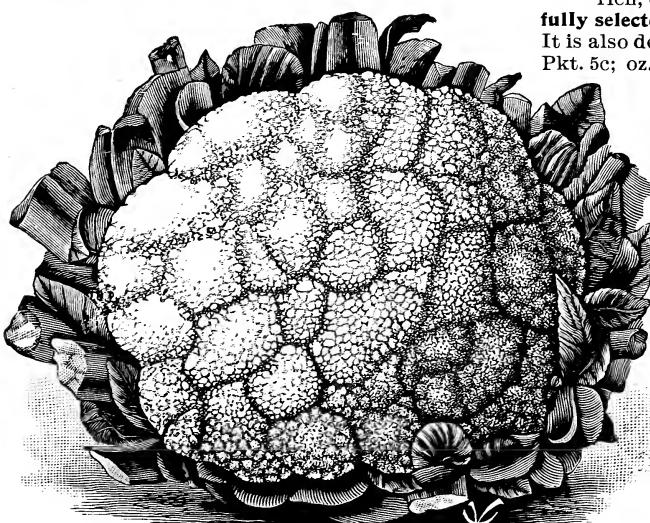
.. Hollander..

The Best Keeping Cabbage.

INTRODUCED but a few years ago as a novelty, this fine cabbage has attained world-wide fame and is justly entitled to a prominent place. The heads are round, averaging 8 pounds, and are **solid and deep**. The leaves of the head are thick, white, and tender, and the **quality is superior**. This cabbage is noted as a first-class keeper and its hard head makes it stand shipment and arrive at destination in better condition than any other late sort. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$3.00.

BARNARD'S IMPROVED DANVERS CARROT.

ANDoubtedly the best carrot for general use and esteemed by market gardeners for its handsome, tapering form and rich, dark orange color. The seed we offer is **grown from carefully selected stock**. The DANVERS is a first-class carrot for all soils. It is also desirable for field culture on account of its productiveness. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c.



BARNARD'S EARLY SNOWBALL CAULIFLOWER.

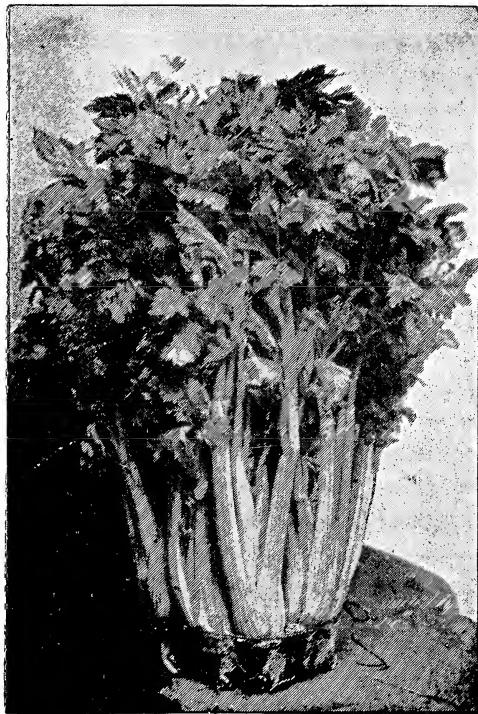
BARNARD'S SNOWBALL EARLY CAULIFLOWER.

The Sort for Market Gardeners to Use.

BARNARD'S EARLY SNOWBALL CAULIFLOWER is of **dwarf, compact habit**. Almost every plant will make a large head of pure white color, and of the best quality.

The seed we offer is the product of the same reliable, thorough grower who has supplied us for years. The high standard to which this strain has been brought is maintained.

Not only is this the best early variety, but it is superior to all others for fall use. It has stood the test of time, and stands unrivaled by any. Pkt. 10c; $\frac{1}{2}$ oz. \$1.35; oz. \$2.50; $\frac{1}{4}$ lb. \$7.50.



GOLDEN SELF-BLANCHING CELERY.

Golden Self Blanching CELERY

BY FAR THE MOST POPULAR
CELERY NOW ON THE
MARKET.

THIS fine Celery fully warrants the highest recommendation. The beautiful appearance of a few plants tied together, with its close habit, compact habit, handsome, straight stalks is well brought out in the illustration from a photograph.

The heart is large and solid, rich, golden yellow in color, tender and sweet.

This celery is self-blanching to a very remarkable degree, for without banking up or any covering whatever, even the outer ribs become a handsome, fresh, yellowish white color. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.25.

Kendel's Early Giant SWEET CORN

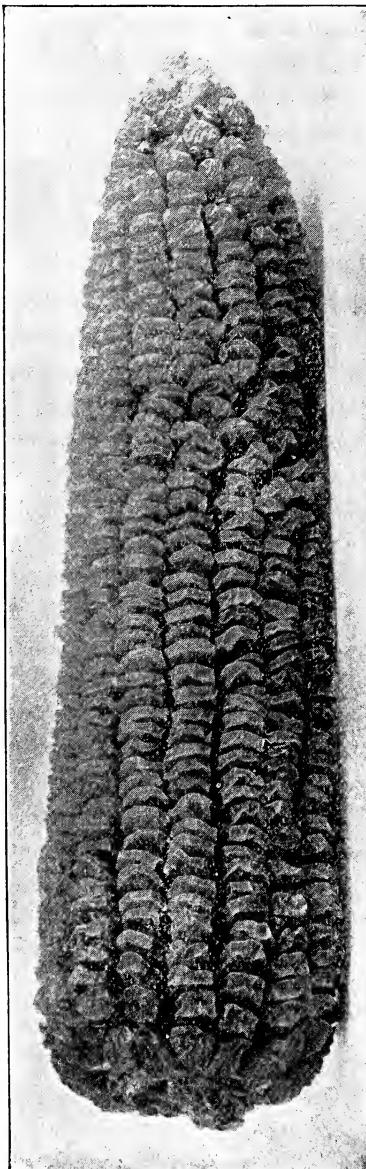
NOT a new thing by any means, but one of great merit. Of most decided value both for market gardener and private planter. On account of its earliness and large size it is certain to become popular.

It will mature in 60 to 70 days from planting, according to soil and location.

The ears are 8 to 10 inches long, averaging 12 rows. Kernels, white, sweet, and tender. When better known is certain to come into general use. Pkt. 5c; pt. 15c; qt. 30c; pk. 70c; bu. \$2.50.

.. Early Evergreen .. SWEET CORN.

FULLY ten days earlier than the famous Stowell's Evergreen Corn.



Early Evergreen possesses the good quality of Stowell's Evergreen and resembles it in every respect, except that the stalk is about one foot shorter, more closely jointed, and that it will mature for market in 80 days. Pkt. 5c; pt. 15c; qt. 30c. postpaid; pk. 75c; bu. \$2.75.



Market gardeners and private planters interested in SWEET CORN are referred to our very complete list offered on pages 26 and 27 of this book.

Perfected Jersey Pickle Cucumber

TIN NEW JERSEY, contiguous to the city of Philadelphia, thousands of bushels of Cucumbers are grown. Gardeners in that section think so highly of this particular strain that they are willing to pay an extra price to secure the seed.

The vines are strong, yielding dark green pickles 2 to 3 inches long, and they keep their color even when allowed to attain maturity. The skin is thin and flesh white and tender, with few seeds. Ready for use ten days earlier than Jersey Pickle. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.



PERFECTED JERSEY PICKLE CUCUMBER.

Lettuce, BLACK-SEEDED SIMPSON.

The Best Variety for Market Gardeners' Use.

EMONG the many varieties of lettuce now before the gardening public there is no one better fitted for the general use of market gardeners and the private cultivator than **BLACK-SEEDED SIMPSON**. It is suitable for growing under glass as well as for early out door planting. It does not head, but forms large, loose leaves that are thin, very tender, and of an excellent quality. By far the most popular sort with market gardeners of Chicago and elsewhere. Pkt 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 90c.

BIG BOSTON. *The Best Midseason or Summer Lettuce.* Popular with the market gardeners because it always produces large, salable heads. The amateur cultivator appreciates this Lettuce because of its crisp, tender quality at all seasons of the year. It is about one week later than the well-known Boston Market, but double the size. Most desirable either for forcing in cold frames or open ground planting. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.



BLACK-SEEDED SIMPSON LETTUCE.

KOHL-RABI.

WHITE SHORT LEAVED. Very early, the best for forcing, and equal to any for outdoor culture. Bulb is greenish-white, smooth, of finest texture and quality. Can be planted closely together on account of its short leaves. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.



"KLECKLEY SWEETS" WATERMELON. *From a Photograph.*

Market
Gardeners'

SPECIAL PRICE LIST SENT ON APPLICATION.



ROCKY FORD MUSK MELON.



ALL SEEDS
SOLD BY US
ARE OF THE
HIGHEST
OBTAINABLE
QUALITY.



NEW WATERMELON "Kleckley Sweets."

The Finest Watermelon yet Introduced for Home Growing and Table Use.

THE vines are strong and vigorous. The melons are oblong in form, eighteen to twenty inches long. The skin is a rich, dark green; flesh bright scarlet, ripening close to the rind, which is only half an inch in thickness. The seeds are white. The rich coloring of the flesh, together with its luscious sweetness combine to make "KLECKLEY SWEETS" the finest table melon in cultivation. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 75c.

THE ROCKY FORD MUSK MELON.

DURING the past two or three melon seasons this now very popular variety has been shipped in baskets in immense quantities to nearly all the large cities of the country. The melons have made a reputation for HIGH QUALITY. All the first-class hotels prefer **Rocky Ford Melon** to any other. The fruit is just the size for table use; flesh green, deep, fine grained, sweet and high flavored. It is very early and immensely productive. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

ROCKY FORD
MELON
has become
FAMOUS.



Always brings
the highest price
on the market.

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A Field of Yellow Globe Danvers Onions, Yielding at the Rate of 583 Bush. per Acre.

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BARNARD'S SELECTED **YELLOW GLOBE DANVERS ONION**

The Finest Strain in Cultivation. A Most Popular and Valuable Sort. It Produces the Kind of Onions which Command the Highest Price in Market.

QUALITY..

FIRST EVERY TIME
IN ONION SEED...

It is of vital importance
and the only way
to insure a crop.

THIS superior strain of **YELLOW GLOBE DANVERS ONION** represents all that can be obtained by painstaking selection and intelligent cultivation.

While it is suitable for and yields profitable crops on all classes of soil, it is especially good for **muck land** on account of its quick maturing qualities.

The firm, solid bulbs are all that can be desired in **size** and **quality** and **excellent winter keepers**. They are much sought after in all onion-markets.

The onions from this strain of seed *ripen early and all at once*. They are

DISTINCT and ATTRACTIVE IN SHAPE, HANDSOME, BRIGHT EVEN COLOR; NECKS VERY SMALL. 2 2 2 2 2 2 2

A conservative estimate of the yield per acre on well cultivated soil may be stated at 500 to 600 bushels from seed sown in the spring.

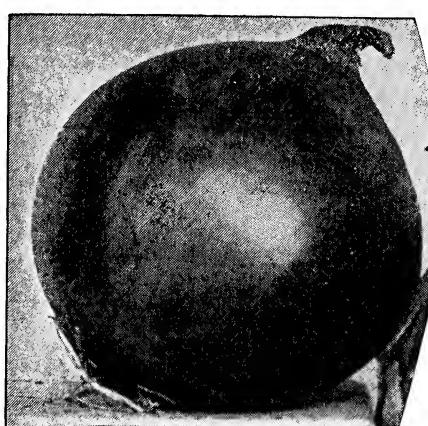
Having sold this strain of seeds for several years (chiefly to market gardeners), we can recommend it with the utmost confidence.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.35. **Special Prices on Large Quantities.**

EARLY... RED GLOBE ONION...

A NEW and distinct variety, maturing as early as the **Extra Early Flat Red**, but of a beautiful globe shape, much rounder and handsomer than the ordinary Early Red Globe, as shown in our illustration; skin deep red, flesh mild and tender, an excellent keeper. In bottoming and cropping qualities it is very superior, and very desirable for table or market use. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50 postpaid.

A Red Onion of Perfect Globe Shape



EARLY RED GLOBE.

SOUTHPORT... LARGE RED GLOBE...

The onions from Southport, Conn., generally command an extra price in the markets, because of their beautiful shape and color. Spherical, with small neck, very deep rich red color. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

Extra Early Long-Keeping

AUSTRALIAN BROWN ONION..

A Most Profitable Variety for the Market Gardener....

WHILE this Onion has been introduced the short time of three years it has already proven *one of the most valuable* ever sent out.

"THE AUSTRALIAN BROWN ONION is of medium size wonderfully hard and solid, and

Most Attractive for Market....

both as to form and appearance. They are *extremely early* and never make any stiff necks or scallions."

The color of the skin is a clear amber brown, in marked contrast to that of all other onions.

Market gardeners who have tried this new onion speak of it in highest praises. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.60.

HAN exceptionally early Red Onion that is worthy of more extensive cultivation.



When ordering this seed please state the name in full, thus: "EARLY RED GLOBE," to avoid errors.

EXCELLENT NEW PEAS.

SELDOM before have we had the pleasure to offer such **leading** and **promising** novelties in **Garden Peas** as on this occasion.

It will be noted that in some points of excellence exactly the same claims are made for different peas. Thus **GRADUS** and **SURPRISE** are both wrinkled and extra early. One or the other will be a few days in advance, the latitude in which they are grown determining this superiority. It is suggested that the cultivator make comparative tests of varieties, selecting for future growing those which best seem to adapt themselves to climatic influences or to results of sales upon the market.

GRADUS PEA.

Hardy, Extra Early, Wrinkled.

GRADUS grows about thirty inches high, requires no support, though sticks or bushes can be used if preferred. The pods are large, nearly round and plump, bright green in color, well-filled with peas that are sweet, rich and mellow.

One market gardener says of it: "*Gradus is nice looking, easy to pick, and sells better than the smaller kinds.*" It is a grand pea in all respects.—is now recognized as a leader. Every gardener would do well to make a planting of Gradus. Pkt. 10c; pt. 35c; qt. 60c, postpaid. Pk. \$2.50; bu. \$9.00.

Admiral Dewey Pea.

A NEW GIANT PODDED SORT.

The originator of this new pea, a grower of wide experience and note, in bringing it to public notice, said of it:—

"*Without exception the largest podded pea of which we have any knowledge.* Height, 3½ feet; foliage, vine and pod rich dark green, remarkably healthy and vigorous, producing in abundance pods of largest size, frequently six inches in length, beautifully shaped, well filled with peas of largest size, tender and first-class flavor; seed green, wrinkled. Undoubtedly the best of all the class of long vine, large podded peas." Pkt. 10c; pt. 35c; qt. 60c, postpaid. Pk. \$2.50; bu. \$9.00.

SURPRISE PEA.

One of the Earliest Wrinkled.

GARDENERS who have been looking for a choice **wrinkled** pea which would come into market as soon as the extra early smooth kinds will find it in **SURPRISE**, for though **fully as early as the earliest hard sorts** it has the delicious sweetness which belongs only to wrinkled peas. Vines about 24 inches high. Pods thick and chunky, not so large as those of American Wonder, but far more numerous, presenting a fine appearance on the market stall.

For four years in succession two crops have been matured on the same ground where first one was planted, in each case being produced from seed of the first crop. Pkt. 10c; pt. 25c; qt. 45c, postpaid. Pk. \$1.50; bu. \$5.75.

ADMIRAL DEWEY PEA.

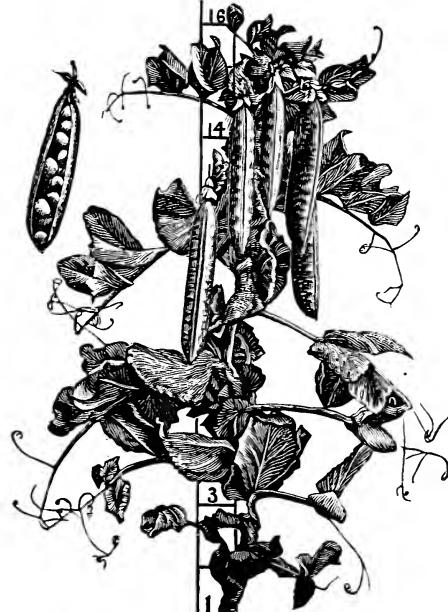
Dwarf Telephone Pea.

Pale Green Peas of Delicious Flavor.

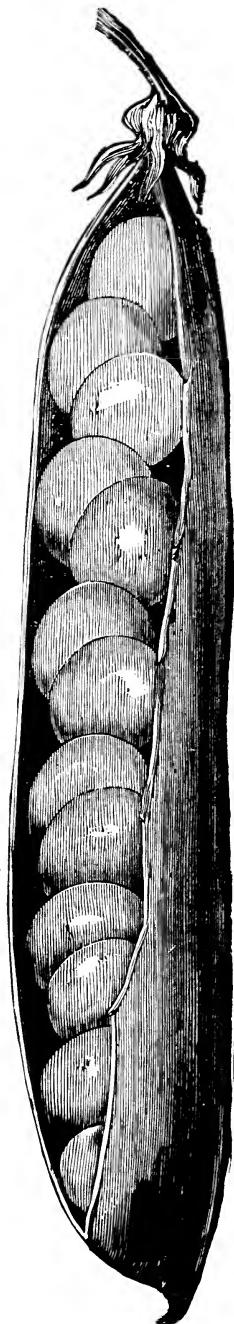
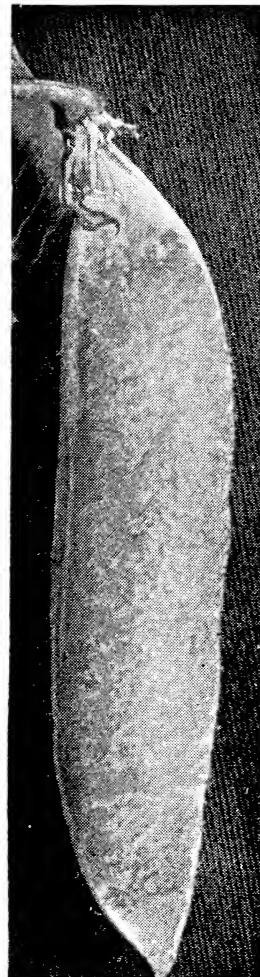
ECONDENSED description of this new pea may be given by stating that it is the famous old **TELEPHONE** without its long vines, and bred to a uniformity in height.

In habit **DWARF TELEPHONE** is dwarf and stocky — about 18 inches high. The peas are of the **largest size, tender, of delicious flavor and highest quality.** The unusually tender and delicate texture of this pea gives it a handsome appearance when ripe. Pkt. 10c; pt. 25c; qt. 45c, postpaid. Pk. \$1.50; bu. \$5.75.

EARLY GRADUS.



DWARF TELEPHONE



*New, Improved***..PARSNIP..****"THE CHAMPION."**

**MAKES FINER
SHAPED
ROOTS**

and of much better
Flavor than other
sorts. ♀ ♀ ♀ ♀ ♀



In addition to the above
valuable improvements, it
has most excellent table
qualities.

**THE CHAMPION
PARSNIP . . .**

Makes a fine white, shapely
root of much more hand-
some appearance than the
ordinary Hollow Crown va-
riety. On the market it is
shapely and attractive.

It is destined to supplant
some of the older varieties
when better known. Pkt.,
5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb.,
50c.



ORIGINALLY this new, distinct and most valuable Squash was sent out under the name it still retains, **GOLDEN HUBBARD**, and it is a trifle misleading because the skin is a rich orange red instead of the dark olive green of the old, well-known Hubbard. **Golden . . . *** *It ripens its fruit very early and uni-formly, and though maturing early the Squashes are wonderful long keepers so they can be carried over for spring use. :: :: :: :: :: ::*

The shell is warty, hard and strong. Flesh deep orange, rich in color, and in quality fully equal to the Hubbard. Cooks very dry and fine grained. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.

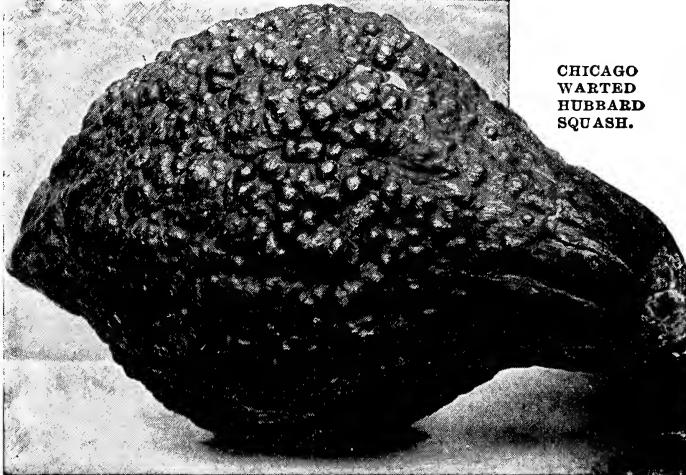
• • Parsley • •**CHAMPION MOSS CURLED.**

A PRIZE WINNING English Parsley, in which all the best points are combined. The plant in appearance resembles a tuft of green moss. The leaves are large, beautifully curled and of a dark green color. This parsley is slow to run to seed, stands heat, cold and drought better than any other sort, and does well in open ground or cultivated in frame. Pkt., 3c; oz., 5c; $\frac{1}{4}$ lb., 15c; lb., 50c.

A Genuine Novelty**RADISH****"TRIUMPH."**

HAS Beautiful Scarlet Stripe
running around the fine,
white globe-shaped roots...

Its greatest value is for forcing purposes, it being short-leaved and of very quick growth, but it also does well in the open ground. We illustrate the TRIUMPH RADISH in colors on back cover. We can only offer this variety in packets this season. Pkt., 10c.



**CHICAGO
WARTED
HUBBARD
SQUASH.**

THIS is not a new introduction, but is proving so valuable a Squash that it is well worthy of the prominent place we here give it.

This fine form of the Hubbard is a favorite one with many market men.

Warted . . . ***Pure Dark Green****Hubbard . . . *****and Warty....**

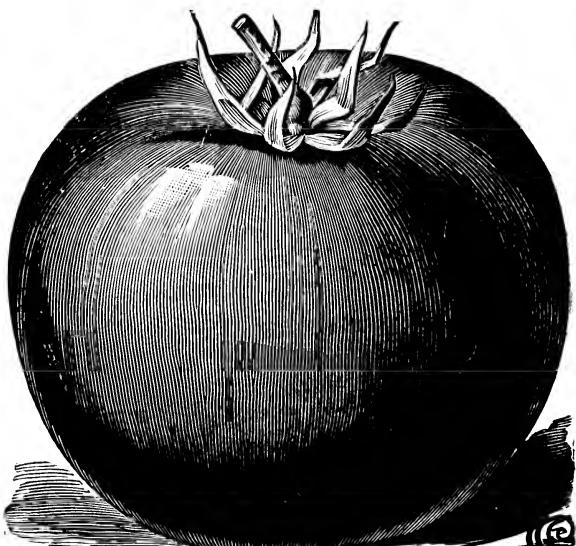
SQUASH * Our improved strain, produced by constant and careful selection, produces Squashes of uniform shape, dark green and warty. Such Squashes are the best quality and **bring the highest price in market.** Seed saved from nothing but the best squashes. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 70c.

**New Tomato "FREEDOM."*****The Best EXTRA EARLY Tomato in Existence.***

TESTS made in two successive seasons result in showing **FREEDOM** to be not only as early but the *equal of any tomato for form, color, solidity, or any other essential quality.* Fruits borne in clusters, perfectly round and smooth; color, brilliant scarlet. Flesh solid with few seeds; flavor free from any acidity. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.25, postpaid.

TOMATO. Magnus. (Novelty of 1900.) A main crop variety, having the color of ACME and BEAUTY, but thicker, heavier and more solid than either. Pkt. 10c.

STONE. One of the extra large fruited sorts, solid and firm-fleshed as its name indicates. Smooth, ripening to the stem without a crack; color, bright scarlet, fine for canning; quality, the very best. It is popular everywhere; no one finds any fault with Stone. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

**FREEDOM TOMATO.**

FLOWER SEED SPECIALTIES.

SELDOM, if indeed ever, before have we had the good fortune to be able to offer our patrons such a number of desirable things in *Flowers* as for the present season. Some are gems, all are marked improvements upon existing strains. **

ASTERS.

CALIFORNIA GIANT

"Silver Tipped."

A NEW section of great beauty. The plants, about 18 inches high, grow rugged and branching, and bear in abundance very large, elegantly formed double flowers about 3½ inches across, composed of regular, slightly recurved broad petals. The tip of each petal being silver white, brings out in exquisite relief the warm rose-pink or brilliant blue in the depths of the flower.

2137. Pink pkt. 15c.
2137a. Blue.....pkt. 15c.

One pkt. of each for 25c.

DAYBREAK.

THIS Aster has many admirers. The delicate pink color, erect and graceful habit, and immense display of flowers when seen in mass, is simply charming beyond description. The plant is of a robust and sturdy habit of growth, producing the large flowers on long and graceful stems, early in the season. Pkt. 10c.

PURITY.

THIS has been called Daybreak's Sister. It is identical in shape and habit with large pure white flowers. The illustration of the plant shown on this page was photographed in the field where the seed was grown. A novelty of sterling merit. Pkt. 15c.

JAPANESE

TASSEL ASTERS.

2081. A distinct and novel form of flower resembling somewhat a tassel. Plants grow eighteen inches high, bloom freely; well developed flowers measure from four to five inches across, and are of an attractive light flesh color. Petals needle-like, wavy, and twisted. Pkt. 15c.



* * "Christmas Tree" Aster. * *

THE NAME of this novelty alludes to the branching habit of the plant, so clearly depicted in the illustration. A grand sort for cut flowers and to cultivate in pots. Flowers are borne on the end of each branch. Mixed colors. Pkt. 10c.



PURITY ASTER.

ASTERS.

QUEEN OF THE MARKET.

The Earliest of All.
OF RARE beauty, dwarf and branching in habit with large flowers of various colors. Its chief merit is its earliness—three weeks ahead of other Asters. An excellent variety to grow under glass.

- 2327. White.
- 2328. Pink.
- 2333. Crimson.
- 2334. Purple.
- 2339. Light Blue.
- 2344. Mixed.

Any of above, per pkt. 5c.

Semple's..

Branching Asters.

THE Branching Aster is easily grown from seed and is of great utility and beauty for bedding purposes, coming at a season when there is little else in flower, anticipating as they do the Chrysanthemum season by a month or six weeks.

We offer this strain in five separate colors and mixed.

- 2174. White, 5c.
- 2179. Pink, 5c.
- 2180. Lavender, 5c.
- 2190. Crimson, 5c.
- 2191. Purple, 5c.
- 2185. Mixed, 5c.

ASPARAGUS SPRENGERI, or Emerald Feather. . .

ESPECIALLY useful as a pot plant for house decoration or for planting in hanging baskets where it makes a graceful, drooping plant. Its fronds grow 4 to 5 ft. in length. They can be cut and used for decorating as they retain freshness a long time, placed in water. Pkt. 20c.

*New Giant Flowered . . .***ANTIRRHINUM OR SNAPDRAGON.**

AN THIS annual we have a very great improvement on the old Snapdragon, as this flower is commonly called. The plants grow into neat bushes about a foot high. The flowers are double the size of ordinary sorts, of rich velvety texture, marked with yellow. Pkt. 10c.

ANTIRRHINUM.

QUEEN OF THE NORTH. In this new sort we have one of the finest and most beautiful of all Snapdragons. The plants grow into handsome, regular bushes, 12 inches high, covered with large, white flowers of a deliciously sweet perfume. Suitable for bedding and pot-culture. Pkt. 5c.

Aquilegia Chrysantha fl. pl.

Double Spurred Columbine.

ESPLENDID, new, double flowering variety of one of the best columbines. The seed produces robust plants about $2\frac{1}{2}$ feet high, with pretty foliage, and the numerous branching flowers are crowned with a profusion of double and semi-double golden yellow flowers. Pkt. 25c.



GIANT FLOWERED SNAPDRAGON.

ARCTOTIS GRANDIS.

Novelty from Africa.

THE HANDSOME appearance and elegant habit of this new plant are certain to make it popular. This annual is a native of South-west Africa, but grows perfectly in our climate.

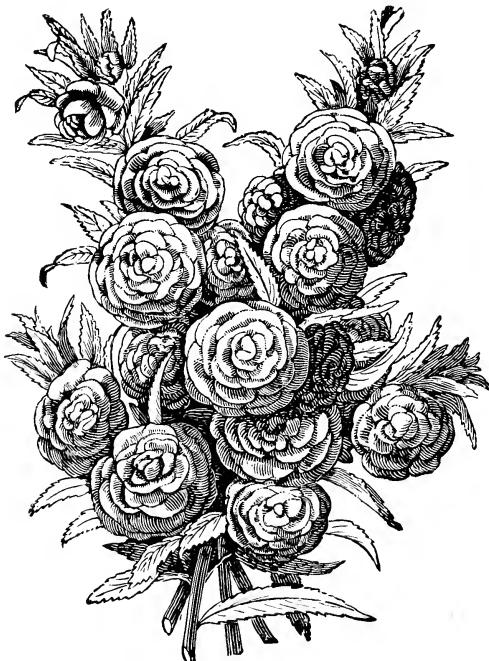
"It forms profusely branched bushes of about 2 to $2\frac{1}{2}$ feet in height and breadth. The leaves are soft and whitish, tomentose on both surfaces, either oblong or obovate and toothed or pinnatifid with broad, blunt lobes. Its flower-heads, borne on long stems and rising well above the foliage, are large and showy, from 2 1-2 to 3 inches across; the ray florets being pure white on the upper surface are embellished by a narrow yellow zone at their base; reverse of petals pale lilac."

Being of very easy culture, on a suitable sunny place, these plants produce their flowers most abundantly and in constant succession from early summer until autumn.

This fine novelty we recommend to all our customers for a trial. Pkt. 25c.

AGERATUM, Blue Perfection.

INTRODUCED last season, this proves to be the darkest colored of all large flowered Ageratums, of dwarf, compact habit it is excellent for culture in pots or in garden beds and its cut flowers are useful in bouquets. Its color is a deep amethyst blue, having no faded-out appearance, the common defect of the old style ageratums. Pkt. 10c.



WHITE PERFECTION BALSAM.

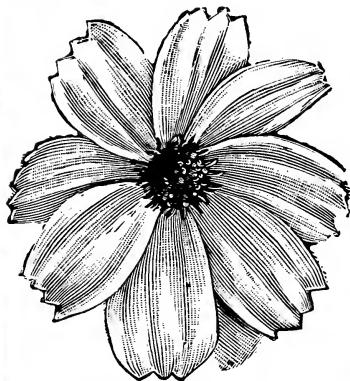
White Balsam "Alba Perfecta."

EREALLY pure white, very double Balsam has always been in demand by the private planter and more especially by florists for bouquets for cemetery work, etc. In "Alba Perfecta" these desirable merits are combined. Flowers are snow white, of the most perfect form and very large size. Pkt. 5c.



CHRYSANthemum MAXIMUM PERFECTION.

CHRYSANthemum, Maximum Perfection. The large, broad petals are pure snowy white, and arranged in star-like rays about the deep yellow center. Strong plants will bloom sparingly the first year from seed, and quite freely throughout the season in the following year. This variety is much grown for its cut flowers. Per pkt. 10c.



Cosmos—Dawn.

THIS variety comes into bloom in July and continues to flower until cut down by severe frost. Particularly valuable for the north where the seasons are too short for other strains. Flowers white with a delicate tint of rose at the base of the petals. Pkt. 5c.

Carnation—"Giant of Nice."

One of the best novelties this season. Its merit lies in the increased beauty and the large size of the flowers borne upon long stalks in rich and varied colors. Comes into flower six months after seed is sown. Pkt. 30c.

NEW GIANT MARGARET CARNATIONS.

The earliest of all Carnations, blooming in July or August if sown in spring and continuing till frost. Being half-hardy perennials, a slight protection of coarse straw or pine boughs will preserve them during winter and they will flower profusely the next summer, or they may be potted to bloom during winter in the house. The flowers are large, beautifully fringed, and clove scented. Pkt. 10c.



Japanese Morning Glory.

Soak the seeds in warm water before sowing.

These grand new Morning Glories from Japan are remarkable for the large size and exquisite new colors of the flowers, and magnificent foliage, often beautifully blotched. Of strong, robust growth, the vines grow quickly to a height of twelve to twenty feet. The flowers are of all shades of red, from the most delicate pink to the most brilliant crimson and maroon, and innumerable shades of blue, from pale lavender to richest indigo and royal purple; also white, yellow, gray, slate, copper color, brown, bronze, almost black, and many other odd shades. *Sold in mixed colors only.* Pkt. 5c; oz. 15c.



HELIOTROPE.

Mammoth Flowered.

It is not generally known that this fragrant flower can be raised from seed as easily as the commonest annuals. Sow seed in house in February or the open ground in May. This strain furnishes flowers of immense size and of richest beauty and fragrance. Pkt. 10c.

IPOMOEAS. "Heaven'y Blue."

IPOMOEAS are similar in growth and flowering to the Morning Glory. They climb with great rapidity, and their flowers are larger. The color of this variety is one rarely seen in flowers—a delicate sky-blue tint. Pkt. 10c.

NEW MORNING GLORY "ROCHESTER."

Rapid Grower. Magnificent Foliage. Very Large Handsome Flowers.

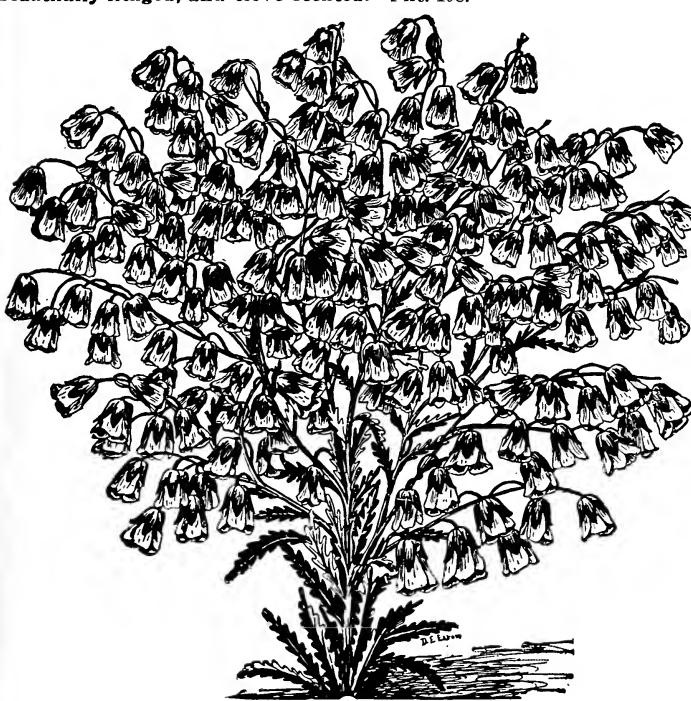
THIS grand new Blue Morning Glory is remarkable for the large size and new color of the flower. Vines strong, growing quickly twelve to twenty feet high with magnificent foliage, leaves measuring from eight to ten inches across, and remaining on the vine close to the ground the entire summer. Flowers four to five inches across, are a deep violet blue in the throat, blending out to an azure blue, bordered with a wide white band around the edge. The flowers form in clusters of from three to five, from the ground to top of vines. Pkt. 10c.

CALIFORNIA YELLOW BELLS.**EMMENANTHE PENDULIFLORA.**

This is one of the loveliest of annuals, which has heretofore escaped the attention of flower lovers. The plants grow in a broad, bushy form, 18 inches to two feet high. The numerous branches are literally covered with yellow, bell-shaped flowers, about $\frac{1}{2}$ inch in length and of a delicate cream color. The general effect of a branch is very suggestive of a long spike of Lily of the Valley, with large yellow bells. The foliage is pinnatifid, giving it a fern-like appearance before blossoming. Pkt. 7c.

NEW CLIMBING DOLICHOS.**INTRODUCED FROM JAPAN.**

SOME two years ago we received with other seeds from Japan, a small sample of what has since proved to be a genuine novelty. The Hyacinth Bean is a well-known climber, familiar in all old gardens. They make showy effects either upon poles or screens and thrive everywhere. Our trial brought out that this new Dolichos from Japan is far superior to the old variety. The plants grew very rapidly, were clothed in foliage and bloomed profusely from bottom to top. The large pea-shaped, pure white flowers stand out boldly from the foliage. In time they are succeeded by broad, velvety white pods. This elegant climber will give satisfaction to everybody. Pkt. 10c.



CALIFORNIA YELLOW BELLS.

NASTURTIUM.

THE beautiful Nasturtiums take front rank among our most showy and useful annuals. The compact growth and the gorgeously colored flowers make the dwarf varieties general favorites for massing and bedding, while the tall or climbing varieties are almost indispensable in vases, baskets, covering trellises, and verandas. No other plant will stand neglect, heat, or drought without showing the slightest effect better than this class does. If planted and grown in rather poor soil, they will flower continuously and profusely until killed by frost. The seeds, if picked green, make an excellent substitute for capers.

Chameleon. In this new Nasturtium different colored flowers are seen upon the same plant. Some are deep crimson, others blotched on light ground, while some are all of one shade. The contrast as well as the richness of coloring is most marked.

Dwarf Chameleon. As a bedding plant is unsurpassed. Its flowers are not so large as those of the tall variety, but are more intense in coloring, and the flowers stand out above the foliage. Pkt. 5c; oz. 15c.

Tall Chameleon. Nothing better to cover trellises and fences with. It blooms with the greatest freedom the entire season. Pkt. 5c; oz. 15c.

Sunlight. For illustration of natural size flower see page 73. This may well be called a Giant Flowered Nasturtium. Flowers golden yellow, round and well-displayed above the light green foliage. Pkt. 5c; oz. 15c.

For Complete List of Named Nasturtiums of All Kinds, See Page 73.

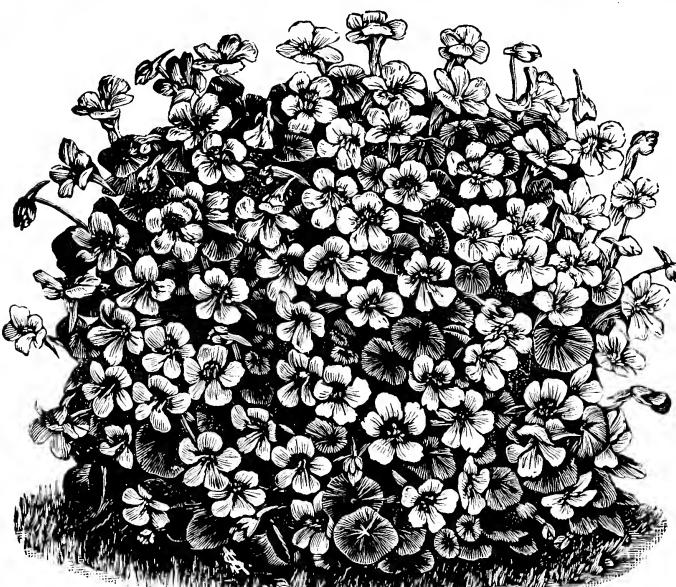


CLIMBING NASTURTIUMS.

BARNARD'S Special Mixture of NASTURTIUMS.

IN THIS special mixture prepared by ourselves is included all the named sorts found in our list, and several others, among them the tall growing **Chameleon**, **Mad. Gunter's Hybrid**, and **Sunlight**, together with the popular **Canary Bird Vine**. This mixture will produce flowers of every hue, nearly all of them fragrant, which can be cut and used in bouquets or arranged in vases to decorate the parlor. Large pkt. 10c; oz. 15c.

BEDS OF Dwarf Nasturtiums afford one of the most beautiful sights in the garden. Even the ordinary mixture will produce a continuous bloom of brilliant flowers. Included in this mixture are seeds of the **Dwarf Chameleon** and the new **Liliput** described below. All make low bushy plants which give flowers freely from June until killed by frost. Although much improved the cost of seed is not advanced. Plant Nasturtiums with a liberal hand. Large pkt. 10c; oz. 15c.



LILIPUT NASTURTIUM.

New Liliput or Miniature NASTURTIUMS.

UNDER this title is introduced an entirely new class of Dwarf Nasturtiums. They are smaller and more dwarf than Tom Thumbs — grow only six inches high. The seeds, the leaves, the flowers, are all in miniature. The pretty flowers are produced in the greatest profusion, standing well clear of the small cut and bushy foliage.

We consider this one of the best new introductions. This season we can offer in three separate colors — **dark crimson**, **scarlet**, **spotted**. Any color or mixed. Either color, per pkt. 15c.

LOBB'S NASTURTIUMS.

Few flowers bloom more profusely or possess such intense, vivid, and rich colors as the *Tropaeolum Lobbianum*. They make beautiful hedges grown on brush, as are sweet peas, while they can also be trailed to a greater height. In vases they are particularly attractive, hanging over, while grown simply trailing on the ground they are surpassingly beautiful and furnish an abundance of bloom for house decoration in vases or bowls.

As easily grown as the common tall Nasturtium, but far surpasses in the remarkable brilliancy of the flowers. Mixed colors. Pkt. 5c; oz. 10c.

**BARNARD'S
FLORISTS'
MIXTURE.**

Blending of
Magnificent
Pansies.

3249. It is composed of the largest, newest, and most beautiful pansies to be found anywhere. For this season we again improve it by the addition of Giant Ruffled or Masterpiece, Madam Perret in various shades of red, Fairy Queen, dark blue, and some other very scarce strains. This mixture is made chiefly for and is extensively used by professional florists. Those who admire fine pansies should buy BARNARD'S FLORISTS' MIXTURE. Pkt. 20c; 3 for 50c; $\frac{1}{2}$ oz. \$1.50.

**Giant Parisian
Pansies.**

FLOWERS extra large. Ground color is usually light, with delicate pencilings and large blotches on the petals. Pkt. 7c.



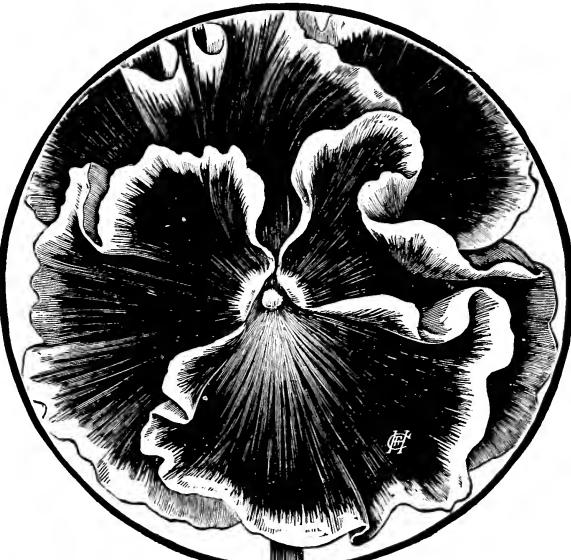
DOUBLE PETUNIA. (*Rosea Perfecta*.)

Pansies.

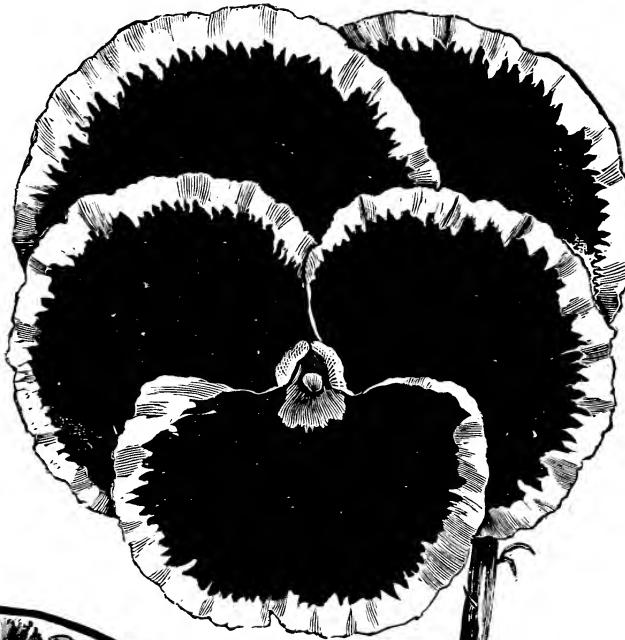
To get Early Flowering Plants
Seed should be Sown in Boxes
in March or Earlier.

MASTERPIECE.

DISTINCT from all other pansies in the form of its flowers, the border of every petal being conspicuously undulated and curled. The flowers are extremely large and nearly all of them exhibit this peculiarity. It comes the nearest to a "double pansy" of anything yet introduced. Remarkable also for the combinations of color which it shows, including some tints heretofore unknown in pansies. Pkt. 25c.



MASTERPIECE.



• New •

Giant Pansy.

Mad. Perret.



E NOVELTY of this season. The extraordinary size of the flowers, which measure 3 to $3\frac{1}{2}$ inches in diameter, entitle it to a front rank. The plant is full and spreading with very broad, deep green leaves. The color of the flowers ranges through all the shades of red from a pink to a fine purple. Sometimes the flower is lined and striped; in most cases it is regular in color. Pkt. 25c.

New Double Petunia. Rosea Perfecta.

H FIRST-CLASS novelty in the dwarf, double fringed class of Petunias. The plants form neat bushes, 4 to 6 inches high, bearing large, well formed, double rose colored flowers. Not all will come perfectly true. Pkt. 50c.

BARNARD'S DOUBLE MIXED PETUNIAS. This is the very best strain money can buy. It embraces all the colors hitherto known in Petunias, and a large percentage of the flowers will be double. Pkt. 50c.

Two Bedding Petunias.

We find the two following varieties to be especially suitable for bedding. They are dwarf in habit with small flowers. In pots and hanging baskets these Petunias are used to advantage. They have sweet scented flowers.

Adonis. Carmine with white throat. Grows taller than Snowball. Pkt. 15c.

Snowball. Similar to above except in color, which is pure, satiny white. Pkt.

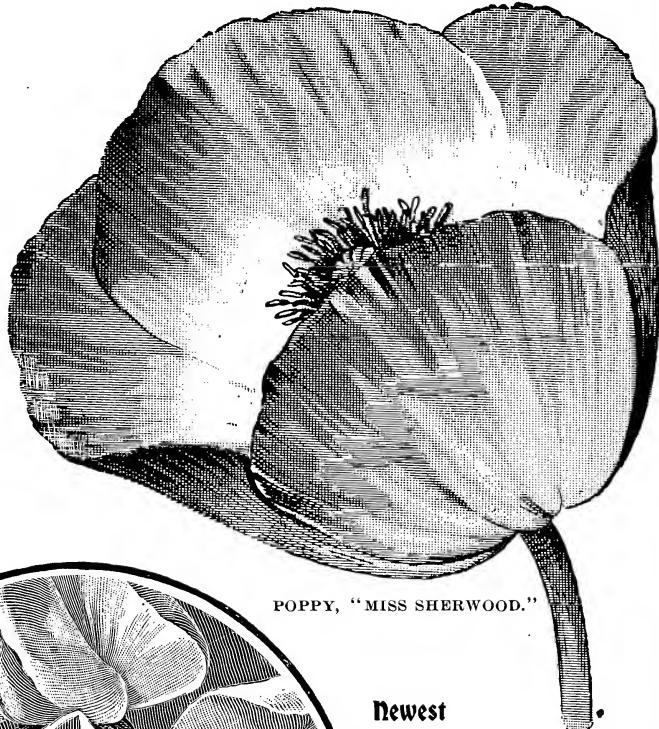
Rudbeckia. Bicolor Superba.

A welcome addition to the annuals. It has a daisy-like bloom with brown central disk and golden rays. It is a free bloomer and its long stems make it valuable for cut flowers. Similar in color to French Marigold. Pkt. 10c.

**PÆONY-
FLOWERED POPPY.**

~ "Miss Sherwood."

POPIES like Dahlias and some others of the old-fashioned flowers are popular, and justly so because of their beautiful colors and the almost total lack of care needed in growing them. In "Miss Sherwood" Poppy will be found one of the finest of the single-flowered class. It will make a handsome cut-flower and is certain to be appreciated. Plants grow 2½ feet high with noble foliage. Flowers single, satiny white, the upper half being shaded with pink. Pkt. 20c.

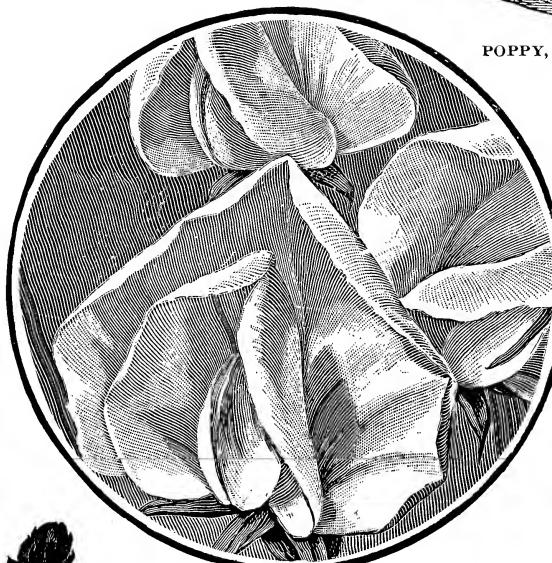


TWO NEW SALVIAS.

SALVIAS are very desirable bedding plants. Their showy spikes of brilliant scarlet flowers are much in demand for bouquets. They can be grown from seed, and bloom the same year as sown.

SILVERSPOT. Its most distinct feature is the strikingly handsome spotted foliage. The leaves are rich, dark green, with light sulphur or cream-colored spots. Handsome and attractive, especially in connection with the large, intensely scarlet flower spikes. For garden or pot culture. Pkt. 25c.

DROOPING SPIKES. It is a magnificent bloomer, far more floriferous and showy than the old form. The plant blazes in dazzling scarlet all through the summer and fall, and can not be excelled for decorative purposes. Pkt. 10c; 3 for 25c.



**GIANT WHITE SWEET PEA
SADIE BURPEE.**

CHE extreme daintiness of its shape and pure, pearly whiteness is altogether beyond description. It is absolutely the prettiest shaped flower yet produced, and is suitable for bouquet or buttonhole work. Pkt. 10c.



NEW SALVIA SPLENDENS SILVERSPOT.

Let us direct your attention to our

Bouquet *
*** Collection**

Containing one packet each of sixteen superb varieties of Sweet Peas (see page 79) for 50 cents, postpaid. The same sixteen kinds each put up in a separate oz. bag, making a pound of Sweet Peas for 75c. postpaid.

WITH a few possible exceptions we carry as complete stocks of Sweet Peas as may be found. For very complete list, please refer to pages 79 and 80.

If you invest in even one ounce of our

**"Royal Mixture
of Sweet Peas,"**

you will not only be rewarded with a wealth of glorious flowers, but derive greater satisfaction in growing Sweet Peas than ever before. It contains seeds of all the Sweet Peas in our list. Oz. 7c; ¼ lb. 25c.

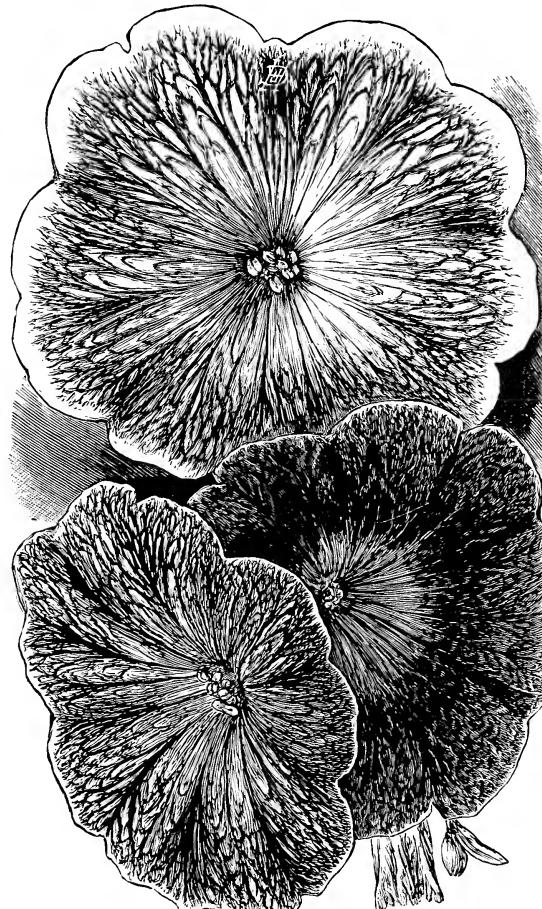
SALPIGLOSSIS . . .**LARGE FLOWERING**

ONE of the most beautiful of flowering annuals, forming strong, bushy plants about 18 inches high, and bearing throughout the season large flowers from three to four inches across. They are beautifully veined and marked and are seen in various different colors, such as blue, rose, light yellow, and others. They flower freely from July until frost. Mixed colors, pkt. 5c.

NEW EMPEROR**• • SALPIGLOSSIS.**

Salpiglossis variabilis superbissima.

WITHOUT doubt this new addition to the family will be greatly appreciated. It forms only one single, leading stem, which bears on its end a bouquet of beautiful crimson flowers. The throat is wide open and short. This is one of the desirable Novelties for it is a great improvement on the older type of Salpiglossis. The flowers are large, the form is almost perfect, and more than all, the bright crimson color makes this a charming flower. Pkt. 10c; 3 for 25c.



SALPIGLOSSIS EMPEROR.

VERBENA . . .**MAMMOTH FLOWERED**

WHY would now cultivate the common small-flowered Verbena, when for a very trifling additional expense for seed, he can get the greatly improved one?

The individual florets of the MAMMOTH VERBENA are greatly beyond ordinary size. Some flowers are all of one color and there are shadings and markings in this strain not seen in any other. Pkt. 10c.

JAPANESE MAIZE. This can not be called a novelty; it is however rarely seen in gardens now-a-days. It is an ornamental foliage plant, which rapidly reaches a height of 5 to 6 ft. The fifth or sixth leaf to form and nearly all the others afterwards are striped with broad bands of white alternating with green. Pkt. 5c.

WILD FLOWER GARDEN.

MANY varieties of beautiful, easy-growing flowers, producing a constant and varied bloom the whole season. The mixture comprises mignonette, candytuft, larkspurs, marigolds, poppies, foxgloves, and many other garden favorites, which will flower successively and yield an abundance of bloom. Large pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

Selected List of New and Standard Dahlias.

DAHLIAS were favorite flowers in the fore part of the nineteenth century. Then for a while they passed into obscurity only to be again brought out a few years ago. They are now being rapidly improved. The following taken in conjunction with our collection of page 84, embraces an excellent assortment of this popular fall-blooming plant.

A.D. Livoni. Quilled petals; beautiful clear pink in color; perfect in form, S.

Black Knight. Purple maroon; large flower, S.

Columbia. Velvety crimson. Fine cut-flower, S.

Claude Perfection. Maroon. An excellent variety, S.

Exquisite. Orange-shaded scarlet, P.

Glowing Coal. Deep scarlet, S.

James Huntley. Fine purple, early bloomer, S.

John Davis. Yellow, of magnificent golden shade, S.

John Forbes. Fawn color, striped with maroon, S.

Kaiser Wilhelm. One of the grandest sorts in cultivation; of immense size and perfect form. Deep yellow-tipped and shaded with cherry red, each 30c.

Lady Cathcart. White-tipped lilac, S.

Miss Barry. Deep rosy lake, C.

Our Tim. Buff shading to peach, S.

St. Catherine. Bronzy yellow; fine form, C.

White Swan. Snow white; form good, promises well, S.

DRY ROOTS, except noted, each 20c; 3 for 50c; doz. \$2.00; postpaid. Larger roots at same price by express but not prepaid.



For the convenience of customers we have marked the different varieties with a letter following the description. F for Fancy or Show Dahlias; C for Cactus; P for Pompon or Dwarf; S for Single.

New Book
"The Dahlia."

A practical treatise by Lawrence R. Peacock. It is clear, concise, yet comprehensive. Beautifully illustrated with ten full page photo-engravings, made expressly for the book, and with an embossed paper cover. Invaluable to all interested in Dahlias. Price by mail prepaid, 30c.

Special Offer. We will present a copy of "THE DAHLIA," free of charge to all ordering Dahlias from us to the amount of \$3.00 or more.

Novelty Roses

Select Stock — Young Healthy Plants.

GREENHOUSE GROWN, FROM POTS.

Prices include Postage.

AUGUSTA VICTORIA. It has long, magnificent buds, and its large, perfectly double, pure white flowers are unequalled in form.

BRIDESMAID. This is the most valuable of all the Tea Roses for cutting, keeping quite fresh for days. The flowers are a bright, deep pink.

BURBANK. The plant is of strong, vigorous growth, with rich, dark-green foliage, branching freely, of compact, rounded bush habit, and wonderfully free flowering. A bed of this variety is in constant bloom from early in the summer until the flowers are cut off by severe freezing, without any protection whatever. Flowers are three inches in diameter, very double, and of a deep glowing rose-pink, shading to silvery rose in center.

METEOR. A rich, dark, velvety crimson, ever-blooming rose, as fine in color as the best of the Hybrid Perpetuals; the flowers are of good size, very double and perfect in shape, either as buds or when fully opened.

PRINCESS BONNIE. One of the most commendable, hardy, free-blooming roses grown. Flowers, large, double, sweet. Color, crimson.

SAFRANO. Not new, but popular everywhere. Beautiful in bud or full flower. Apricot yellow, changing to orange.

SOUV. DE PRESIDENT CARNOT. Of extraordinary beauty and form. Pale pink, tinted fawn and creamy white.

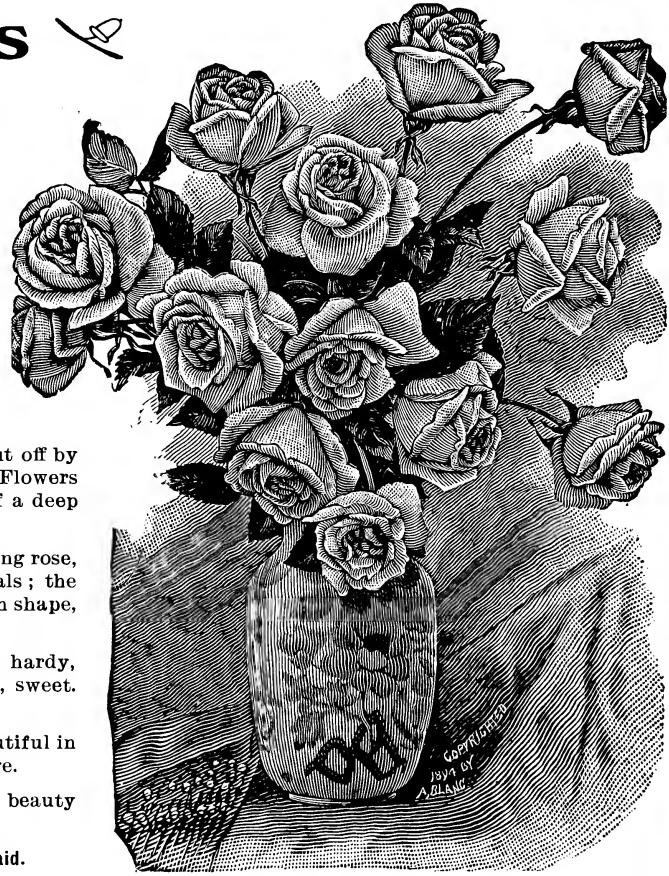
Any of the above, each 10c; the entire seven, 50c; prepaid.

Suited for house culture or bedding out in summer.

• • Helene Rose • •

The New Seedling from Crimson Rambler.

Makes a growth of 10 to 15 feet in a season. Foliage similar to *Crimson Rambler*, but less subject to mildew and insect attacks. For open-ground culture it has no superior, being perfectly hardy and a strong, healthy grower. Its flowers are borne in large clusters and are produced in amazing profusion. Flower is almost double, and of excellent substance, remaining in perfection on the bush for weeks. Color soft violet rose. The buds are carmine, finely mossed, and are borne 20 to 50 in a cluster. Young plants each 15c; 3 for 40c; postpaid. No large plants to offer.



BRIDESMAID.

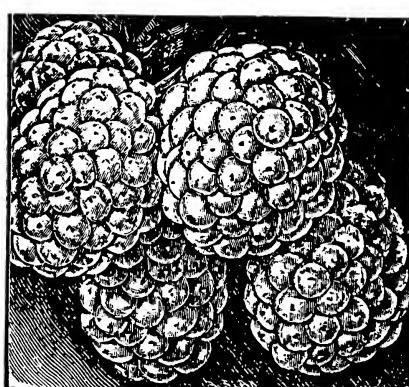


JAPAN CEDAR. A beautiful house plant much like the Araucaria, but better adapted to the atmosphere of a living-room, and more graceful and drooping. It is of very vigorous habit of growth, and plants of the size offered by us should reach eighteen inches in height within a few months. Each 20c; 3 for 50c; postpaid.

NEW DOUBLE RUDBECKIA, GOLDEN GLOW. This is one of the grandest hardy yellow-flowering plants ever introduced, particularly valuable for garden, lawn, and park planting. It grows 6 to 8 feet high; is of graceful branching habit and has pretty foliage. Blooms during July and August the first season, and bears immense masses of large, round, golden yellow flowers. 10c. each; 25c. for 3, postpaid.

VALUABLE NEW FRUITS.

WHITE BLACKBERRY. — *Iceberg*. Something entirely new in fruit, and all who plant the new White Blackberry will be more than pleased. The following description is that of the originator: "One of the great grandparents of *Iceberg* was *Lawton*. The first generation of seedlings was all black, but the third produced this wonderful plant, bearing the snowiest white berries ever seen, which are not only white but so transparent that the seeds, unusually small, may be seen in berries when ripe." Each 15c; 3 for 40c; postpaid.



ICEBERG BLACKBERRY.

RATHBUN BLACKBERRY. Though new, it has been tried in many sections, and the verdict is satisfactory from every source. Fruit is enormous — 45 berries have filled a quart box — is sweet, firm, with very little core. Plants grow strong and erect, drooping over and propagating themselves like a blackcap raspberry. Each 15c; 12 for \$1.50; postpaid.

CUMBERLAND. A new black raspberry that makes large crops of enormous berries. Fruit ripens a little earlier than *Gregg*, is very black, firm, and may be shipped long distances. Each 10c; 6 for 50c; 12 for \$1.00, postpaid.

General List of Vegetable Seeds.

IT HAS ever been our endeavor as Seedsmen to make HIGHEST QUALITY the first consideration and then to fix our prices as low as GOOD, RELIABLE SEEDS can be sold. It is the poorest economy for the planter to invest in seeds whose chief recommendation is that they are cheap.

OUR PRICES INCLUDE POSTAGE on packets, ounces, quarter pounds, pounds, pints and quarts, Except Where Noted. If the purchaser will pay the freight or express charges, ten cents per pound, fifteen cents per quart and ten cents per pint may be deducted from the prepaid prices herein offered.

PACKET and OZ.

Purchasers may make selections of seeds in *Packets and Ounces* at these discounts:

For 25 cents select Seeds in pkcts. and oz. amounting to .30.

For 50 cents select Seeds in pkcts. and oz. amounting to .65.

For \$1.00 select Seeds in packets and oz. amounting to \$1.30.

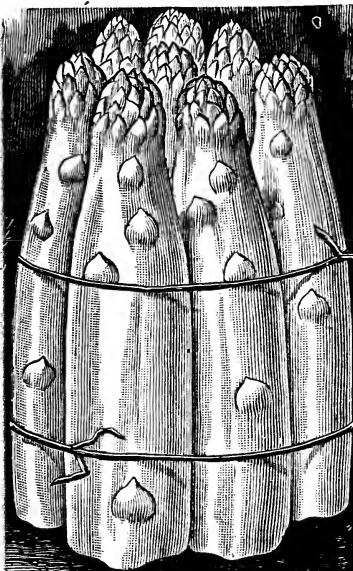
For 2.00 select Seeds in packets and oz. amounting to 2.70.

For 3.00 select Seeds in packets and oz. amounting to 4.00.

ON SEEDS

IN BULK.

From Catalogue Prices by the $\frac{1}{4}$ pound, pound, peck or bushel, when cash is sent with order, purchaser may deduct 5 per cent. on an order from \$3.00 to \$5.00, and 10 per cent on an order from \$5.00 to \$10.00. This discount refers to **SEEDS** quoted in catalogue by weight or measure (except those in the division of Farm Seeds on pages 49 to 56) and not to Potatoes or Bulbs, nor to seeds in packets and ounces.



COLUMBIAN MAMMOTH WHITE.

ARTISCHOKE, Ger. ARTICHOKE.

ARTICHAUT, Fr.

GREEN GLOBE. Sown and grown in good garden soil this variety will last for years. Its flower heads cooked like Asparagus are relished by many. Pkt., 5c; oz., 30c.

JERUSALEM ARTICHOKE. Produced from Tubers. Cultivated like Potatoes. They are sometimes used as a table vegetable, but their chief value is as stock food. Swine are particularly fond of them and all animals eat them with relish. One barrel will plant an acre. Lb., 25c., prepaid. Pk., 35c; $\frac{1}{2}$ bu., 65c; bu., \$1.25, not prepaid.

Asparagus.

SPARDEL, Ger.

ASPERGE, Fr.

One ounce will sow sixty feet of r'dw.

In early spring sow the seed, after soaking it 24 hours in warm water, in drills one foot apart, and one inch deep. During summer keep the soil mellow and free from weeds, thinning the plants to four inches apart. The following spring transplant into permanent beds, that have been deeply dug and highly manured.

COLUMBIAN MAMMOTH WHITE. It produces very strong shoots which are pure white, and so remain. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

CONOVER'S COLOSSAL. A well known green variety of excellent quality and quick growth. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 40c.

PALMETTO. Early, large, excellent quality. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

Asparagus Roots.

ONE to two years' time may be gained by setting out roots. This can be done in spring or fall. The ground should be well manured and trenched deeply. The roots should be planted two feet apart, one foot apart in the row, and at least 6 inches deep.

If to go by mail add 25c per 100 to price of one year old roots and 50c per 100 for two-year old plants. We supply 25 of a kind at the 100 rate, 250 at the 1000 rate.

COLUMBIAN MAMMOTH WHITE. Two-year old roots. 100, \$1.00; 1000, \$6.50.

CONOVER'S COLOSSAL. One-year old roots, 100, 50c; 1000, \$4.50. Two-year old roots, 100, 75c; 1000, \$5.00.

PALMETTO. Two-year old roots, 100, 75c; 1000, \$5.00.

BUSH BEANS.

BONNEN, Ger.

HARICOT, Fr.

One quart to 100 feet of drill or to 200 hills.

THE best soil for Beans is a light, rich, well-drained loam which was manured for the previous crop. As soon as all danger from frost is passed, plant in drills, two to three feet apart, two inches deep, three to six inches apart in the row. In hills plant two feet apart one way and three feet the other. From one pint to two quarts of seed are required for a family.

GREEN-PODDED VARIETIES.

Stringless Green Pod.

The Earliest and Best of the Green-Pod Sorts.

The claim is made for this variety that it is the only *absolutely stringless* Bush Bean, consequently surpassing all others in crisp, tender flavor. The illustration shows the width and thickness of the long, beautiful, straight pods. This variety is ready to market even *earlier* than the Long Yellow Six Weeks. It fully bears out every claim made for it. Pkt. 5c; pt. 25c; qt. 45c; pk. \$1.50.

IMPROVED RED VALENTINE.

Fully ten days earlier than the common Valentine and therefore prized by market gardeners, as well as for its great productiveness. Beans medium size, marbled in pink and red; pods long, curved, fleshy, and tender. Pkt. 5c; pt. 20c; qt. 40c; pk. \$1.25.



BUSH BEANS—Continued.

GREEN PODDED VARIETIES.

LONG YELLOW SIX WEEKS. Hardy, early, and productive. A standard sort for general crop. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.25.

EARLY MOHAWK. Long, flat straight pods. Much grown in the South to ship to Northern markets. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.25.

Improved Extra Early Refugee.

It has all the excellent qualities of the ordinary Refugee with the additional advantage of being fully two weeks earlier in podding. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.25.

REFUGEE or 1,000-to-1. Pods round, thick, and tender. Beans, brown speckled. Season, medium to late. Extensively grown for pickling. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.25.

EARLY CHINA RED EYE. An old standby. Very early and of excellent quality. Pkt., 5c; pt., 20c; qt., 35c; pk., 90c; bu., \$3.50.

VARIETIES FOR SHELLING.

BOSTON SMALL PEA. Early, hardy, and prolific, yields from forty to sixty fold with ordinary field culture. Pkt., 5c; pt., 20c; qt., 30c; pk., 90c; bu., \$3.25.

WHITE NAVY. Valuable chiefly as a field bean and considered by many the best baking variety. Pkt., 5c; pt., 20c; qt., 30c; pk., 90c; bu., \$3.25.

ROYAL DWARF, OR WHITE KIDNEY. Excellent cooked with sweet corn, making "succotash." Among the best as a winter bean. Pkt., 5c; pt., 20c; qt., 35c; pk., \$1.00; bu., \$3.75.

DWARF HORTICULTURAL. Late; productive and much esteemed for good quality of the beans. Pkt., 5c; pt., 25c; qt., 45c; pk., \$1.35.

LARGE WHITE MARROW. Pkt., 5c; pt., 20c; qt., 35c; pk., 90c; bu., \$3.25



CHALLENGE
DWARF BLACK
WAX BEAN.

WAX PODDED.

DAVIS KIDNEY WAX.

The BEST Bean

For Market Gardeners
and Canners.

CHE large beans are pure white, kidney shape, excellent for cooking, green or dry. The pods while young are stringless, tender and of excellent flavor, very long, straight and uniform in size and shape, of a clear waxy white, do not discolor in canning, making them most desirable for the canner. The Davis Wax will delight the market gardener as they are unusually productive, keep well and present the finest appearance in the market. Pkt., 5c; pt., 25c; qt., 45c; pk., \$1.50.



DAVIS WAX BEAN.

ROGERS' LIMA WAX.

A first-class Wax Bean and a decided Novelty.

Named Lima on account of its glossy foliage and bloom, which resembles the Dwarf Lima. Pods lemon yellow, broad and flat, borne in great profusion. Quality, tender and juicy. Seed oval, small, pure white. Sure to become a favorite main crop variety. Pkt., 5c; pt., 25c; qt., 45c; pk., \$1.50.

IMPROVED GOLDEN WAX. In repeated comparative trials this improved strain has greatly outyielded other varieties. Pods are thicker than those of Golden Wax, stringless and of much better quality. *Absolutely rust proof.* Pkt., 5c; pt., 25c; qt., 45c; pk., \$1.50.

WARDWELL'S KIDNEY WAX.

Pods long, nearly straight, white, wax-like, and handsome, of good quality. Beans, large, kidney-shaped, white with dark markings about the eye. *A most profitable variety for the market gardener.* Pkt., 5c; pt., 25c; qt., 45c; pk., \$1.50.

Challenge Dwarf Black Wax.

The earliest Wax Bean in Cultivation.

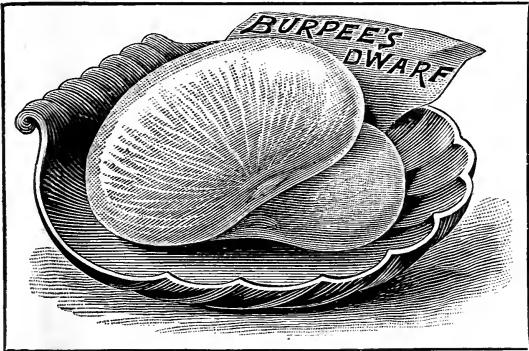
Fully **one week earlier** than any other. Continued trials strengthen all the claims made for this grand bean. Its vigor and productivity leave nothing to be desired. Pods clear waxy white, round, fleshy, crisp, and tender. The dry bean is jet black, long, curved, and rather flat. Pkt., 5c; pt., 25c; qt., 45c; pk., \$1.50.

REFUGEE WAX. It produces immense pods of a golden yellow color and always remains tender. Suitable for early or late sowing, and for a wet or dry season. Pkt., 5c; pt., 25c; qt., 45c; pk., \$1.50.

BUSH BEANS, WAX PODDED VARIETIES—Continued.

BLACK WAX. Early. Pods short, round, nearly white; beans black when ripe. Valuable as snap bean. Amply rewards the gardener for good care and cultivation—whether for the market or the home table. Pkt. 5c; pt. 25c; qt. 45c; pk. \$1.50.

DETROIT WAX. So hardy as to be called rust-proof, and its straight, handsome pods will keep a long time without spoiling, making it a fine sort for shipping long distances. Pkt. 5c; pt. 20c; qt. 40c; pk. \$1.10; bu. \$4.00.



RUST PROOF BLACK WAX.

This is an early, productive, good bean, having long, flat, yellow pods of fine quality. The dry beans are blue black. Foliage vigorous, healthy, and rust proof. Pkt. 5c; pt. 25c; qt. 45c; pk. \$1.50.

IMPROVED PROLIFIC BLACK WAX. Much earlier and more prolific than the old strain. Pods golden, even, stringless and of fine quality. Pkt. 5c; pt. 25c; qt. 45c; pk. \$1.50.

Bush Lima Beans.

BURPEE'S DWARF. Plants make perfect bushes from eighteen inches to two feet high. They are *sure croppers* and *immensely yielders*. Pods as large as those of the Pole Lima, and contain three to five beans of the best quality. Pkt. 10c; pt. 25c; qt. 50c; pk. \$2.00.

HENDERSON'S BUSH LIMA. Valuable on account of extreme earliness. Extremely productive, tender and delicious. The dry beans are small and white. Pkt. 10c; pt. 25c; qt. 50c; pk. \$1.75.

DREER'S DWARF LIMA. Thick pods and large thick beans, three or four in a pod. Ripens fully ten days earlier than the Pole Lima of same name. Pkt. 10c; pt. 25c; qt. 50; pk. \$2.00.

Running or Pole Beans.

Pole beans are more tender and require more care in cultivation than the dwarf or bush varieties, and should be sown two weeks later; they succeed best in sandy loam, which should be liberally enriched with manure. Form hills from three to four feet apart; plant five or six beans in a hill, about two inches deep, leaving space in the center for the pole. When the beans are well started, they should be thinned to two or three plants in a hill. *One quart makes 100 to 200 hills, according to size of beans. Eight to twelve quarts plant an acre.*

Lima beans will not grow until the weather and ground are warm; if planted before they are apt to rot in the ground.

SIEBERT'S EARLY LIMA.

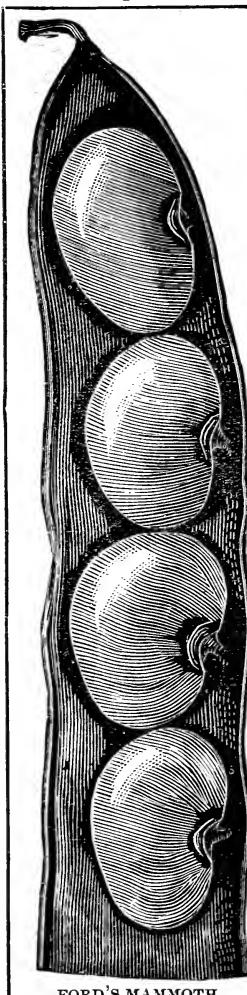
The Earliest of the Large Limas.

When in condition to use green, the beans are larger than those of any other variety. The vines are exceptionally hardy, and not only produce pods earlier, but they continue in bearing longer than any other sort. In earliness, ease of shelling, and quality of the beans, this variety is far in advance of all other sorts. Pkt., 10c; pt., 25c; qt., 50c; pk., \$2.25.

KING OF THE GARDEN LIMA. In general habit of growth this is similar to the large white Lima but matures the fruit much earlier. It possesses the characteristic of setting beans early at the bottom of pole and producing continuously to the end of the season. In productiveness they excel the common Lima. Pods are 6 to 8 inches in length and contain five to seven beans of unusual size, which lack nothing in quality. Pkt., 10c; pt., 25c; qt., 50c; pk., \$2.25.

FORD'S MAMMOTH. The largest of all Limas. The vines are vigorous, setting the pods low down. These pods enclose from five to seven beans, without exception the finest flavored of all Limas. Bears continuously throughout the season until frost. Pkt., 10c; pt., 25c; qt., 50c; pk., \$2.25.

CUT SHORT, or CORN HILL. An old variety that is in favor for planting among corn. It will yield a good crop without the use of poles. Beans nearly oblong, cut off at the ends, white and partially dotted with white spots. Pkt., 10c; pt., 25c; qt., 50c; pk., \$1.50.



FORD'S MAMMOTH.

EXTRA EARLY LIMA. The pods are large and numerous, invariably having from four to five beans in each pod. These beans appear in eastern markets nearly two weeks ahead of ordinary limas, selling at from \$3.00 to \$4.00 per bushel of pods, and previous to the introduction of Siebert's Early were considered the earliest. Pkt., 10c.; pt., 25c.; qt., 50c.; postpaid; pk., \$2.00.

LARGE WHITE LIMA. A late standard variety which has long been considered the most tender and delicious bean grown, either green or ripe. Ours is an extra selected stock. Pkt., 10c.; pt., 25c.; qt., 50c.; pk., \$2.00.

DUTCH CASE KNIFE. This is also used as a cornhill bean. Pods very long and flat; beans flat, kidney-shaped, white, of excellent quality green or dry. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.40; bu., \$5.25.

LAZY WIFE'S. A late bean that is *unparalleled for use in any season*. Pods long, broad and thick, easy to gather. *Stringless, rich and buttery when cooked.* Pkt., 10c.; pt., 30c.; qt., 60c.; pk. \$3.00.

KENTUCKY WONDER. *Best green podded Pole Bean.* Pods green, nine inches or more long, nearly round, fleshy, stringless and of excellent flavor. Dry beans, long, oval, dun-colored. It is an early and most prolific variety. Pkt., 10c.; pt., 30c.; qt., 50c.; pk. \$2.50.

SCARLET RUNNER. This variety is cultivated chiefly for its bright scarlet flowers. Its vines and leaves are very strong, making an excellent climber. Beans of fair quality, either cooked or dry. They are of a purplish color variegated with black; large thick and kidney-shaped. Pkt., 10c.; pt., 25c.; qt., 45c.

The prices quoted by the packet, pint and quart are for the best Seed Beans, Postage Paid, by Mail. Remember that, by express or freight, you can DEDUCT 8c. per pint or 15c. per quart.

BEET.

FOR THE TABLE.

RUNKELRUEBEN, Ger.

BETTERAVE, Fr.

1 oz. to 100 feet of drill, 5 to 6 lbs. to acre in drills.

DIRIGO. A new, extra early turnip beet which we consider the best yet introduced on account of its handsome shape and attractive color. It is one of the best for either summer or winter use. It is a beautiful dark red color, of fine grain and flavor. Tops and tap roots quite small. A most desirable variety for market gardeners by whom it is used largely for bunching. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Barnard's Selected Edmand's Blood Beet.

A SPLENDID American variety which by constant, careful selection has become fixed and uniform in shape. It is round and smooth, does not grow very large, therefore requires but little thinning. It has a small top and a single tap root. An excellent sort for bunching. The flesh is deep red in color, exceedingly sweet and tender. It matures early. It is a standard winter variety. Packet, 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

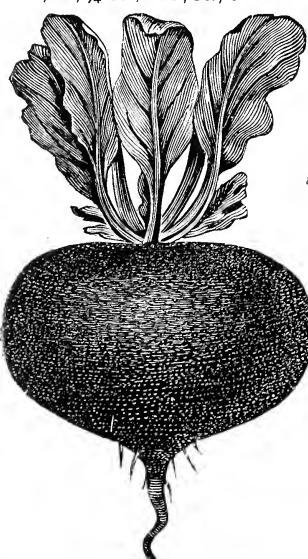
EGYPTIAN BLOOD TURNIP. A standard early variety. Globe shaped, somewhat flattened on top. Skin deep red, also the flesh, which is of fair quality. Tops very compact. Many beets can be grown in a limited space. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 45c.

Crosby's Egyptian Beet.

This strain is much in demand by market gardeners for forcing and early out-door sowing as it reaches a saleable size in a short time. It is turnip-shaped, of good form, small necked, with short tops and a deep blood color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

IMPROVED EARLY BLOOD TURNIP. An old standby. This beet does not mature so early as those named above. It is an excellent one for the home garden and summer use. Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 45c.

EARLY FLAT BASSANO. Tops large, leaves light green, the leading sort to sow for greens. Roots quite flat, grows to a large size; flesh pink with white zones, sweet and tender when young. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.



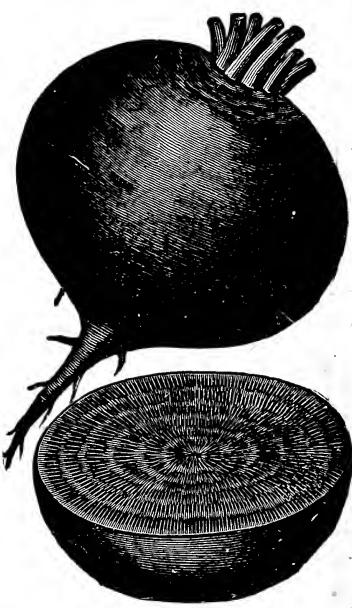
EDMUND'S IMPROVED.

DEWINGS EARLY BLOOD TURNIP. A superior beet for the table. Skin smooth, flesh dark red with white bands. Good for summer or fall use. The best main crop variety. A great favorite with market men. Our stock is unexcelled by any in the country. Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 45c. Special prices will be made to buyers of Beet seed in quantity.

SWISS CHARD, or Sea Kale Beet.

We recommend all our customers to try this distinct vegetable, which is superior to the common beet for greens; if sown at the same time it will be fit for use before it. Later, the plants form broad, flat, beautiful wax-like stems to the leaves, which are very delicious cooked as beets or pickled. Packet, 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 45c.

CULTURE.—Sow as early in the spring as ground can be worked and for succession every two weeks after up to the first of July, in drills twelve to fourteen inches apart, and when well up thin to from four to six inches. The young plants removed in thinning, are excellent cooked in same manner as Spinach. Take up the roots in October and store in cellar like Potatoes.

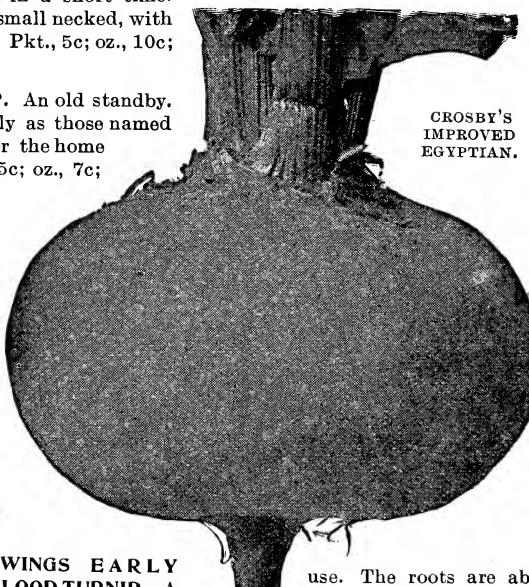


ECLIPSE BEET.

Eclipse Beet.

THIS is not only an extra early beet but if sown late it is valuable for winter use. Its extreme earliness, neat globe shape with small top and crimson color make this a most popular sort with market gardeners for bunching. Packet, 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

COLUMBIA. It was introduced within a few years and is one of the very best for table qualities. It is turnip-shaped, has smooth skin and *deep blood-red flesh*. Fully as early as Eclipse but superior in many ways, never becoming coarse or pithy. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.



CROSBY'S IMPROVED EGYPTIAN.

HALF LONG BLOOD.

This is an entirely distinct variety and by far the best for winter use. The roots are about one-half as long as the Long Dark Blood, but on account of their thickness weigh quite as much. They are always smooth and handsome, and the rich, dark red flesh is very sweet, crisp and tender, never becoming woody, even in portions above the ground. We consider this the most valuable sort of recent introduction. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

IMPROVED LONG DARK BLOOD BEET. Tops large, necks small, leaf stems and vines red, leaf green, roots large, tapering, growing even with the surface, dark red, flesh dark red, zoned with lighter shade, very tender and sweet and remaining so when kept till spring. Packet, 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 50c.

Please remember that our prices are for seeds post-paid by mail. If ordered by freight or express, at purchaser's expense, eight cents per pound should be deducted.

Mangel Wurtzel and Sugar Beets.

THE value of Mangels for stock feeding cannot be over-estimated. The results from their use are clearly seen in the improved health and condition of animals, the increased flow and quality of milk from cows, and the saving in fodder. Mangels yield enormously if the soil is rich, and can be grown at trifling cost. Everyone who keeps even one cow should grow a patch of Mangels for winter feed.

Sugar Beets are not as heavy yielders as Mangels, but they are of better quality, abounding in saccharine matter. For sugar producing purposes these beets are grown in Europe by thousands of acres, and in some localities in our own country immense establishments are in successful operation, extracting sugar from beet roots.

CULTURE: Both Mangels and Sugar Beets require deep, well enriched soil. Sow in May or June in rows eighteen inches to two feet apart, and three to eight inches in the rows. Young plants may be transplanted to fill up vacancies. As soon as frost occurs, dig the crop, $\frac{4}{4}$ to 5 lbs. are required for an acre.



SUGAR BEETS.

THIS Mangel grows to an immense size (often eighteen inches long) much out of the ground and is enormously productive on rich soil. It is an excellent keeper, very nutritious and milk producing. Oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.; 5 lbs., not prepaid, \$1.00.

MONARCH. A new variety of mammoth proportions and rich, blood-red color. The roots are remarkably smooth and handsome, and of *superior nutritive qualities*. Moreover, it is enormously productive. This will prove itself a secure investment for our farming and gardening friends. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 35c., postpaid; 5 lbs., \$1.25, not prepaid.

NORBITANT GIANT. Not surpassed for cattle feeding. Flesh red, very solid. Roots very large, always keeping well. A variety that pleases all. Oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

GOLDEN TANKARD. Contains less water and more sugar than any other. A special feature is the rich, deep yellow color of the flesh, nutritious and milk-producing qualities. It is very hardy and productive. Grows two-thirds above ground and can be dug very easily. Oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

PRIZE CHAMPION GLOBE.

A large, globular, orange-colored variety of the Mangel that is even a better keeper than the Long Red. It produces fine crops upon shallow soil. Oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

SUGAR BEETS.

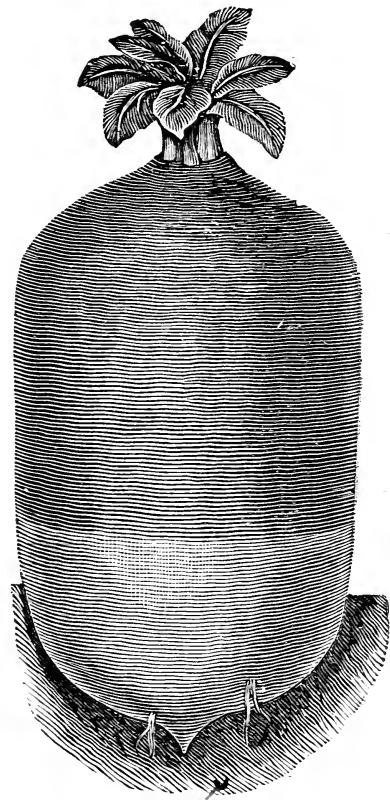
KLEIN WANZLEBEN. In sugar beet growing sections this variety is esteemed for its certainty to mature a crop which is rich in sugar. It has a conical-shaped root, large and tapering; yields from twelve to eighteen tons of beets to the acre. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

LANE'S IMPROVED SUGAR BEET. The best one to grow for stock feeding. The flesh is sweet and tender, and it is by some people liked for table use. Oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

BORECOLE or KALE. Seeds may be sown in a moderately rich soil, in an exposed situation, in April or May. In transplanting treat the plants like young cabbages. The central leaves are used as spinach, and are much improved by frost.

DWARF GERMAN, Greens or Sprouts. More hardy than cabbage. The leaves are curly, bright green and very tender. Excellent for garnishing and makes splendid greens for winter use. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.

GREEN CURLED SCOTCH. About two feet high, and bears green curled leaves. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.



GOLDEN TANKARD.

BROCCOLI.

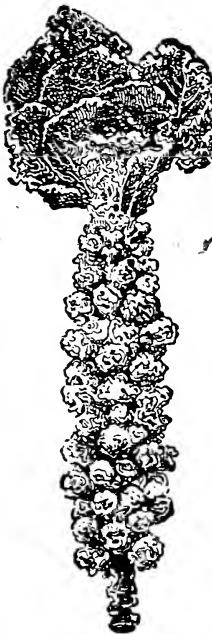
SPARGELKOHL, Gr. BROCOLI, Sp. CHOU BROCOLI, Fr. 1 oz. to 2,000 plants.

Taller and more hardy than Cauliflower, but otherwise very similar to that delicious vegetable. Culture and use are identical with that of Cauliflower.

EARLY PURPLE CAPE. The best variety for our climate. Heads close and compact, of a violet or purple color, and of excellent quality. Pkt., 5c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00.

WHITE CAPE. Similar to above except in color which is a creamy tint. Pkt., 5c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00.

Brussels Sprouts. The plants grow two to three feet high, and produce miniature heads from the sides of the stalk. These heads, after they have been touched by frost, become very tender, boiled in the same way as Cauliflower. This vegetable is easily cultivated, comes into use after frost, and is not appreciated generally at its true worth. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.35.



BRUSSELS SPROUTS.

CABBAGE.

KOPFKOHL, Ger. CHOU POMME, Fr.
1 oz. will produce 1,500 plants; $\frac{1}{2}$ lb. to
transplant for an acre.

OUR CABBAGE SEED, grown under the care of practical, painstaking and reliable men; in localities where experience and thorough tests have proved the climate and soil to be the best adapted to their production in highest perfection; from fully developed, perfect heads, carefully cured and stored until time of planting; thoroughly tested as to vitality. Our seed can but give satisfaction, and we unhesitatingly recommend it for use of market or private gardener.

CULTURE: For early summer use sow in hot-bed in February or March; before transplanting to the open ground they should be hardened off by exposing them gradually to the night air. For winter use sow in open ground in May or June—taking care in either case not to let the plants stand too closely, as this makes them “spindling.” When five or six inches high, transplant in rows two feet apart one way, and 12 to 18 inches the other, according to variety, burying to the first leaf whatever the stem length. Hoe every week, drawing the earth up about the plants until they begin to head, then give thorough and final cultivation and leave to mature.

CABBAGE PLANTS. Ready about April 1st. For prices on these and other Vegetable Plants see end of Vegetable Seed List.

✓ Extra Early Express.

HEADS the list as the *earliest Cabbage in cultivation*, maturing in from 80 to 85 days from sowing the seed. It has but few outer leaves, almost every plant forms a small, conical head of a yellowish green color. In quality it is the best. Desirable for early market or home use. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.40.

✓ EARLY JERSEY WAKEFIELD. SELECT STOCK..

Long recognized as the best earliest *marketable Cabbage*. Medium in size, in shape pyramidal with a pointed peak. Hardy plants can be wintered in cold frames. Is a reliable, certain header and one of the most profitable cabbages for the market gardener. Our strain of seed is of superior quality. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.25.

✓ EARLY DWARF FLAT DUTCH. Second early. Rounded, solid heads of medium size, tender and fine grained. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

For the Cabbage worm, try “*Slug Shot*.” See “*Insecticides*” in back part of this catalogue.



Copyright 1900
W. B. TEE BURKE & CO.

ALL HEAD EARLY.

✓ All Head Early.

The most profitable Early Cabbage for market gardeners. The best all-the-year round Cabbage for the home garden.

Heads flat, deep, and solid; firm and tender; valuable also for late; seeds sown in July and set out in August will make fine heads. Largely planted by market gardeners. Nearly 10,000 can be grown on an acre, and nearly every one will produce a head. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 75c.; lb. \$2.50.

✓ EARLY YORK. An old favorite in the family garden. Heads small, heart shaped and firm. Almost certain to head and is a good shipping sort. We carry it to meet occasional calls. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.25.

✓ EARLY WINNINGSTADT. Well known and much esteemed. Heads large, conical; leaves bright, glossy green. Valuable not only for early use but for winter cabbage. Because of vigorous growth thrives even under unfavorable conditions. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb. \$1.50.

✓ All Seasons.

Much grown by market gardeners and is also an excellent variety for home use. Remarkable for its ability to stand hot sun and dry weather. Makes solid, hard heads of large size. It is both an early and late variety, and is most appropriately named. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb. \$2.00.

✓ FOTTLER'S BRUNSWICK, Short Stem. We have a superior strain of this seed which brings large flat, solid heads of excellent quality. Stem very short. A sure header and good shipper. Pkt., 5c.; oz. 15; $\frac{1}{4}$ lb. 50c.; lb. \$1.75.

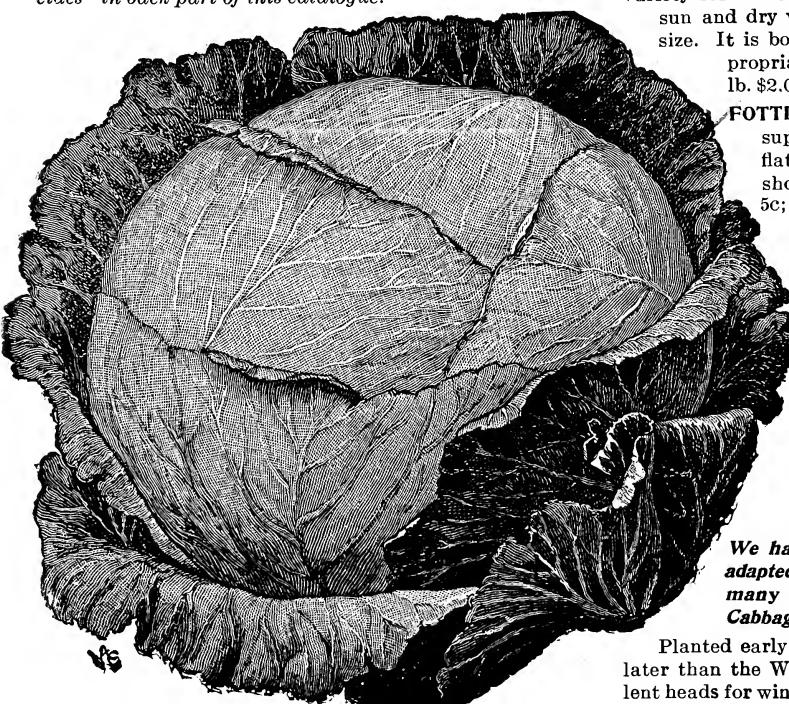
✓ EARLY SUMMER. Comes in about ten days later than Wakefield, having much larger heads. They are of uniform size, somewhat flattened. Unexcelled for market garden and good for home use. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

✓ Chicago Market Garden.

THIS valuable cabbage continues to give the utmost satisfaction not only to Chicago gardeners but in every locality in which it has been introduced.

We have yet to find a variety more thoroughly adapted to general culture and which combines so many good qualities as our “Chicago Market” Cabbage. It will surely please you.

Planted early it develops fine, large solid heads one week later than the Wakefield, while if set out later it makes excellent heads for winter use. It stands the hot sun well, is almost certain to head, does not crack and is an excellent keeper. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.



CHICAGO MARKET CABBAGE.

CABBAGE. MAIN CROP AND LATE SORTS.

✓ Danish Ballhead.

The best Cabbage for Early Spring Sales.

THIS entirely distinct variety comes from Denmark. It has been cultivated in America for five or six years and has proved a very desirable winter cabbage both on account of its uniformity in heading and from its *extremely hard, solid head*, which gives it *superior keeping qualities*. The heads are nearly round, almost as deep as they are wide. Color, blue green. The hard heads keep excellently when buried and present an attractive appearance when offered in the spring market. It has been thoroughly tested and may be relied upon to meet every claim made for it. Packet, 5c.; oz., 25c.; $\frac{1}{4}$ lb., 80c.; lb., \$3.00.

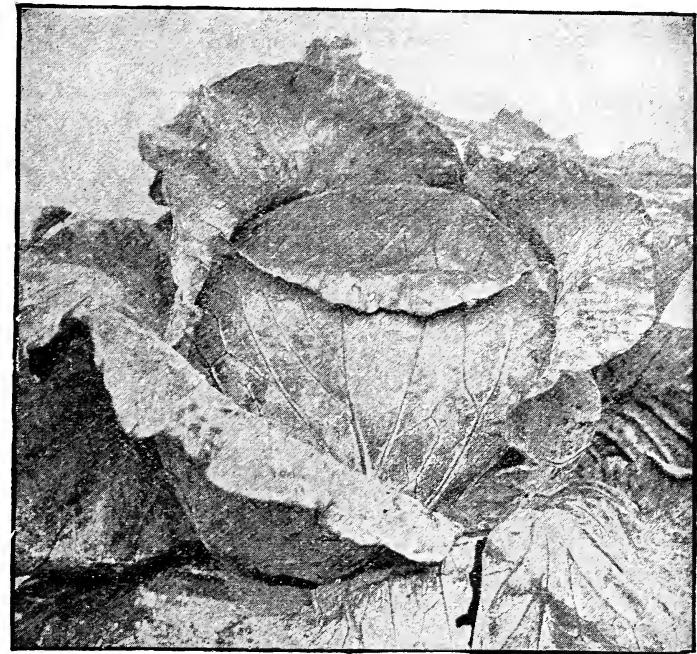
VANDERGAW. Sent out by an expert eastern cabbage seed grower a few years ago. It heads about the same time as Early Summer but is much larger and very solid. *It is undoubtedly one of the best for general cultivation.* A remarkably good keeper. Packet, 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

LUXEMBURG. This makes a *very hard head of good size*, extraordinary weight, and is remarkable for its keeping qualities. It is a grand sort for late spring sales, for after many kinds are gone it retains its bright green color. One of the most profitable to grow, gardeners invariably realize high prices for this variety. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.50.

✓ Selected Late Flat Dutch.

WE know this to be as fine a strain as ever offered. It grows very large, is remarkably hardy, a sure header, uniform in shape, size and color. Few varieties can approach this for superior quality. Market gardeners grow this very extensively for a late crop. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.40.

BRIDGEPORT DRUMHEAD. A leading Chicago variety for shipping and one of the most popular varieties in our markets. The large, solid heads and its non-liability to burst make it much in demand by market gardeners, some of whom will take no other seed. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$3.00.



DANISH BALLHEAD CABBAGE.

✓ Surehead. • •

THIS famous Cabbage is most appropriately named, for it can be relied upon with certainty to head even under unfavorable circumstances. The heads are large, very hard, firm, fine in texture, and sweet flavored. It is a late variety, keeps well, is good for shipping and is a favorite sort with market gardeners and for home use. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

✓ PREMIUM LARGE LATE DRUMHEAD. Head enormous. Very hardy and desirable fall and winter variety; also a good shipper. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

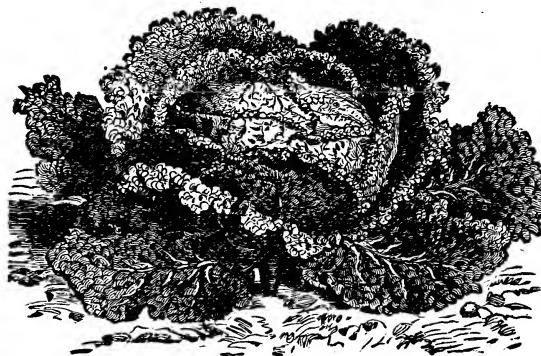
✓ LUPTON. This is a new Cabbage which is so highly spoken of we now add it to our list. It is a dark green in color, has a short stem and is *one of the best keepers*, coming out in the spring bright and fresh, a little earlier than Flat Dutch and Drumhead. We have some very choice seed. Pkt., 5c.; oz. 25c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.25

• • Autumn King. • •

THE large, broad heads are uniform in shape, hard and solid as a rock, fine grained and tender -more so than any other very large cabbage. Forming so few outer leaves it goes almost *all to head*. It is a rapid grower and does not require special culture to bring out its excellencies. Pkt., 5c.; 30c.; $\frac{1}{4}$ lb. \$1.00.; lb. \$3.50.

✓ HOLLAND. The superior merit of this variety is the hard heading and long keeping quality. Heads medium size; white. If properly stored they will be found when taken up in spring to be in perfect condition. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$3.00.

RED LEAVED CABBAGES.



SAVOY CABBAGES.

✓ AMERICAN DRUMHEAD SAVOY. The best of its class for home use or market. Heads large, *solid and compact*. Has rich, sweet flavor of the cauliflower when cooked. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.

✓ EARLY DWARF ULM SAVOY. Heads medium size, round and solid; leaves deep green and finely wrinkled. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

✓ MAMMOTH RED ROCK. By far the *best*, largest and surest heading red cabbage. Color, deep, rich red. Many successful market gardeners choose this for their entire crop of red cabbage, pronouncing it the *best of all*. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.75.

✓ RED DUTCH. Heads large, round and solid; excellent for salad or pickling. A sure header and a good shipper. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb. \$1.75.

CARROT.

MOEHREN, Ger. CAROTTE, Fr.
1 oz. to 100 ft. of drill, 3 lbs. per acre.

able and profitable crop to grow for stock feed. We recommend to our farmer friends, Danvers Half Long, Long Orange and the White Belgian varieties as especially adapted for this purpose.

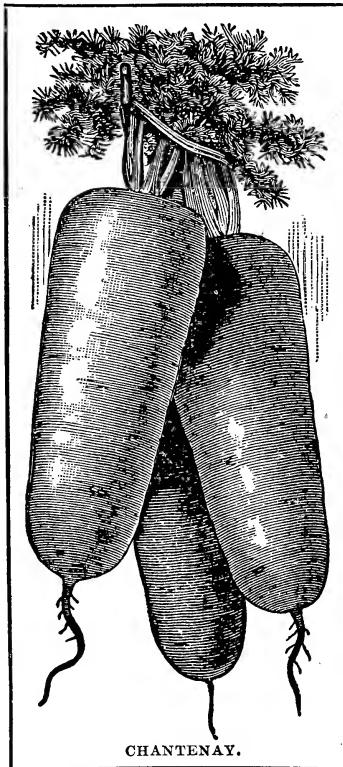
CHANTENAY. For market gardeners and table use it is probably the best in shape and finest in quality of all. Flesh tender, deep orange color. This carrot yields enormously, is smooth, has a large shoulder and is easily harvested. Pkt., 5c.; oz., 10c.; ¼ lb. 25c.; lb. 75c.

EARLY SCARLET SHORT HORN. Quite short, nearly round. Adapted for forcing for market and culture for early home use. Deep orange in color, flavor excellent. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb. 75c.

OXHEART OR GUERANDE. In shape nearly oval, stump rooted. Color, rich orange. Quality for table use unexcelled. An enormous yielder. Many farmers use this sort for feeding stock. Packet, 5c.; oz., 10c.; ¼ lb. 20c.; lb., 60c.

DANVERS HALF LONG. A smooth, well-formed carrot, which grows to a popular size and is suitable for all soils. Flesh, orange color. Very prolific, often yielding 20 to 30 tons per acre. Pkt., 5c.; oz., 10c.; ¼ lb. 20c.; lb. 75c.

SAINT VALLERY. A new, large variety of an orange-red color. Smooth, broad at the shoulder, 10 to 12 inches long, tapering to a point. Excellent for table use and profitable for field culture. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 55c.



CHANTENAY.

CAULIFLOWER.

BLUMEN KOHL, Ger. CHOUFLEUR, Fr.
1 oz. will produce about 2,000 plants.

setting in open ground, and finally transplanted before the middle of April in rich, deeply-worked soil, 2 feet by 15 inches apart. Late sorts are sown and cultivated like late cabbage. When heading, tie the top leaves together to protect from exposure to the sun.

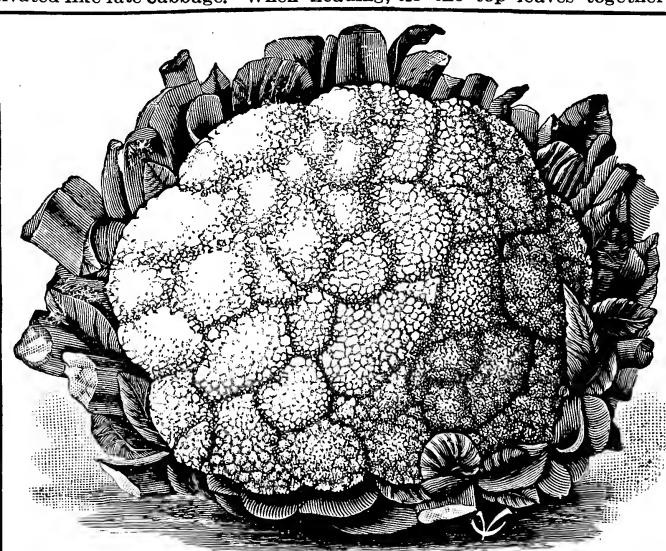
Selected Earliest Dwarf Erfurt.

The earliest of the *earlies*. Very dwarf, small leaved; can be planted twenty inches apart and forced. Makes a fine, firm head, of *snowy whiteness, tender and of delightful flavor*. This is the highest quality and very best Erfurt seed, much superior to extra early. Pkt., 25c.; ¼ oz., \$1.50; ½ oz., \$2.50; oz., \$5.00.

EXTRA EARLY ERFURT.

Where extreme earliness is not essential this will be found one of the best. Pkt., 10c.; ½ oz., \$1.15; oz., \$2.00; ¼ lb., \$6.50.

AUTUMN GIANT. A late variety, vigorous habit. Large, handsome, white heads, well protected by foliage. Packet, 5c.; ½ oz., 30c.; oz., 50c.; ¼ lb., 75c.



Barnard's Early Snowball.

THIS very superior strain is noted for producing *early plants of dwarf habit, short, compact growth, and uniform shape*. It is extremely hardy and one of the surest to make a solid head. For forcing under glass during winter and early spring and for planting later in open ground no strain of Snowball can surpass it. Pkt., 10c.; ½ oz., \$1.35; oz., \$2.50; ¼ lb., \$7.50.

HALF LONG SCARLET NANTES. An early stump-rooted variety that is valuable for table use. Flesh red, with very little core. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb. 75c.

BARNARD'S IMPROVED DANVERS. *Market Gardener's Special Strain.* Very attractive in appearance, deep orange color, flesh sweet and tender with almost no core. A rapid grower and heavy cropper. Pkt., 5c.; oz., 10c.; ¼ lb. 30c.; lb. 90c.

IMPROVED LONG ORANGE. Standard late sort; of good flavor and an excellent keeper. Roots 12 to 15 inches long; requires deep, rich soil on which it yields heavy crops. A good variety for the table and market purposes as well as to grow for stock. Pkt., 5c.; oz., 10c.; ¼ lb. 20c.; lb. 65c.

WHITE BELGIAN. Grows largely above ground, making it easy to harvest. The lower part of the root is white, the upper part is green. This carrot is enormously productive, the roots attaining a surprising size. No up-to-date farmer should neglect putting in a plot of Stock Carrots. Pkt., 3c.; oz., 7c.; lb., 40c.

We recommend a treatise

CARROTS; How to Grow Them.

It is not only instructive but interesting reading. Sent postpaid for 30 cents.

CULTURE:—Cauliflower ought to receive a similar treatment to Cabbage, except that it requires an extra rich soil, an occasional application of liquid manure and frequent watering, especially when heading. Early sorts in this latitude are mostly sown in January or February in hot-beds, transplanted once before setting in open ground, and finally transplanted before the middle of April in rich, deeply-worked soil, 2 feet by 15 inches apart.

Late sorts are sown and cultivated like late cabbage. When heading, tie the top leaves together to protect from exposure to the sun.

Denmark.

Best for early and general crops.

We again have the pleasure to offer genuine seed direct from headquarters of this superior Cauliflower. It has been tested over a wide stretch of the country and the most flattering reports continue to reach us regarding its worth. It forms *large, firm, fine grained heads as white as snow*. It may be used either for an early or late crop. Is sure to head and is certain to please. Packet, 10c.; oz., \$2.50; ¼ lb., \$8.00.

EXTRA EARLY PARIS.

Head of good size, white and compact. Early and desirable. Packet, 5c.; oz., 60c.; ¼ lb., \$2.00.

LARGE ERFURT. A selected strain with large, solid white heads. For late planting. Pkt., 5c.; oz., 75c.; ¼ lb., \$2.50.

CELERY.

SELLERIE, GER. CELERI, FR.
1 ounce of seed for 2000 plants.

CELERY PLANTS. Ready about June 1st. For prices on these and other Vegetable Plants see end of Vegetable Seed List.

CELERY FOR PROFIT, By T. GREINER. It tells how to dispense with nine-tenths of the labor generally thought necessary in celery growing, and how to make the business pay really big profits. This book is thoroughly complete in every detail, and is embellished with many helpful and original illustrations. 30 cts., Postpaid.

White Plume, Selected.

THIS is a very popular early variety that for fall and early winter use is not surpassed. A desirable feature of this Celery is that *naturally*, its stalks and heart are white so that by closing the stalks by tying or by drawing the soil close about the plant and pressing it together with the hands, the blanching is completed. It is the *earliest* Celery in cultivation, but will not keep longer than the holiday season. Pkt., 5c.; oz., 15c.; lb., \$2.00.

CRAWFORD'S HALF DWARF. A white variety, intermediate in size, crisp and nutty. A favorite with market gardeners. Pkt., 5c.; oz., 15c.; lb., \$2.00.

Giant White Solid. The best large variety. Fine for market as well as family garden. Pkt., 5c.; oz., 15c.; lb., \$1.50.

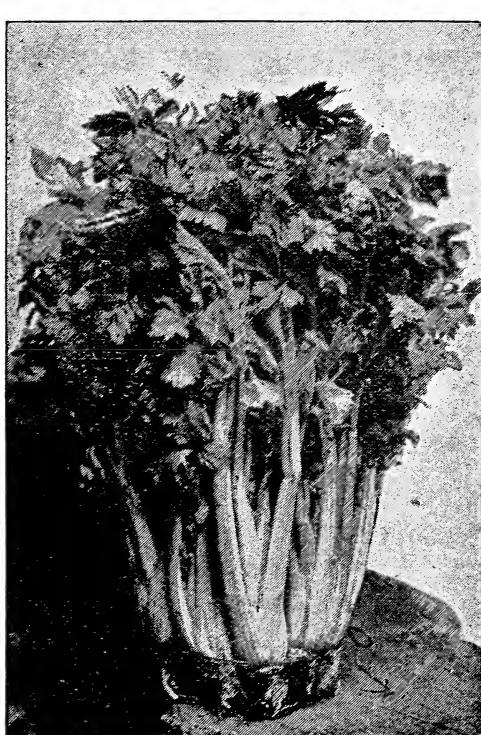
BOSTON MARKET. A medium sized, hard, crisp and delightfully flavored white variety. Pkt., 5c.; oz., 15c.; lb., \$1.50.

DWARF GOLDEN HEART. In the leading Celery-growing districts this is extensively grown. It is a distinct and handsome sort. When bleached the heart is golden yellow, solid, showy and attractive. Of excellent flavor and one of the best keepers during the winter. Pkt., 5c.; oz., 15c.; lb., \$1.50.

Evan's Triumph.

The best late Celery.

THIS new Celery is of *superb quality* and one of the best keepers, remaining in condition for use much longer than most sorts. The very large solid stalks are of the finest quality and texture, *crisp, brittle, tender and really nutty in flavor*. It stands at the head of all late keeping Celeries. Pkt., 5c.; oz., 30c.; lb., \$3.00.



Golden Self-Blanching.

THE best celery in cultivation and the most profitable for market and family use. The handsome appearance and straight, strong stalks of this celery are well brought out in the illustration. The heart is large, solid, golden yellow in color and of delicious flavor. It will turn at maturity to a yellowish white without banking, but like all other celeries is improved by having some dirt brought up to the stalks. Pkt., 5c.; oz. 30c.; lb. \$3.25.



CELERIAC.

CULTURE—Celery can be successfully grown with but little labor, in any good garden soil, by using plenty of well rotted manure with a liberal sprinkling of coarse salt worked into it, and this mixture should be put into the trenches, working it well into the soil, at least two weeks before the plants are transplanted into them. It delights, however, in low, moist, rich bottom land, or well-drained muck-soil. It is usually grown as a second crop.

Perfection Heartwell.

A STANDARD sort and one of the best of the white varieties. The stalks are of good size, vigorous growth, very solid and never hollow; crisp, tender and of exceedingly fine, nutty flavor. Some of our largest growers, who have tried other sorts extensively choose the "Perfection," for the main crop, as there is no other strain which equals it for storing, and few which approach it in quality and beauty. Pkt., 5c.; oz., 15c.; lb., \$1.75.

GIANT GOLDEN HEART. A selection from Dwarf Golden Heart. The quality is grand, by some considered better than in the original variety; large size, beautiful color, crisp and deliciously flavored. One of the best celeries for market, and also desirable for home use. Pkt., 10c.; oz., 30c.; lb. \$3.00.

GIANT PASCAL. A selection from the famous Golden Self-blanching. It produces broad and thick, solid stalks of handsome appearance, which are entirely stringless, crisp and tender, and of a delicious, nutty flavor, and is absolutely free from any bitter taste. It requires but little earthing up, bleaches rapidly. It is a good keeper and for January and February use is undoubtedly unexcelled. It is a good shipping variety, free from rust or rot. Pkt., 5c.; oz., 20c.; lb., \$1.75.

NEW ROSE. The red Celeries far surpass the white and yellow in flavor and keeping qualities and the color feature renders them attractive for table decoration. We offer this as the choicest red variety. It is hardy, crisp, nutty, and one calculated to win the favor of all. Pkt., 5c.; oz., 20c.; lb., \$1.75.

OLD CELERY SEED. Used in flavoring soups, pickles, etc. $\frac{1}{4}$ lb., 10c.; lb., 35c.

CELERIAC,

vinegar, making an excellent salad. It is cultivated like celery, little or no earthing being required. Ready for use in October. *One ounce for 50 feet of row.*

BARNARD'S GIANT. Very large roots. Flesh white, with a stronger and sweeter flavor than other varieties. Pkt., 10c.; oz., 35c.; lb., \$5.00.

LARGE, SMOOTH PRAGUE. One of the best. Roots smooth, almost round. An excellent keeper. Pkt., 5c.; oz., 15c.; lb., \$1.25.

EXTRA LARGE ERFURT. Much prized by German gardeners. Pkt., 5c.; oz., 15c.; lb., \$1.25.

APPLE SHAPED. A new and improved sort, that keeps admirably. Pkt., 3c.; oz., 15c.; lb., \$1.25.

or TURNIP ROOTED CELERY.—A variety of celery having turnip or apple-shaped roots which may be cooked, sliced, and used with

I think the seeds we get of you are the best I have purchased from any firm. You send the best and most seed for the money.

WASHTENAW CO., MICH.

MRS. GEO. BAHNMILLER.

...CHICORY...

1 ounce for 100 ft. of drill.

Sow in light, rich soil in early spring in drills half an inch deep in rows one foot apart. Cultivate like Carrots. The roots are fleshy, and when dried and ground are mixed with or used as a substitute for coffee. The young leaves are used as salad and are preferred by some even to the Dandelion.

LARGE RED MAGDEBURG. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

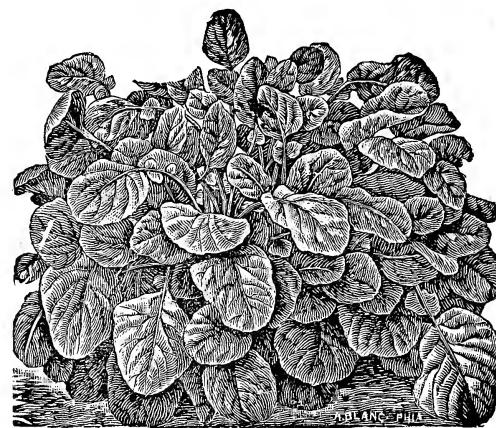
✓CHIVES.

Chives belong to the Onion

tribe. They are cultivated for their tops which are used for flavoring. The clumps we offer, planted in ordinary garden soil, soon increase so that the tops can be cut during the season as required. 1 or 2 clumps are sufficient for a family garden. Clumps, 10c; by mail or express prepaid, 25c.

CHUFAS or Earth Almonds.

See page of Miscellaneous Seeds.



UPLAND CRESS.

✓CORN SALAD OR FETTICUS.

1 oz. to 35 feet of row.

It is used during the winter and early spring months as a substitute for Lettuce. Cooked and served same as Spinach.

Seed may be sown in August or September, in shallow drills, and protected in cold sections by leaves or straw during the winter. Cultivate the same as Lettuce, thinning 3 or 4 inches apart.

LARGE LEAVED. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c

✓CRESS or PEPPER GRASS.

KRESSE, Ger. CRESSION, Fr.

A well-known pungent salad. It can be eaten alone or with lettuce. Requires to be sown thickly in shallow drills at frequent intervals, say two weeks apart, to keep up succession as it soon goes to seed. Should be cut when quite young.

DOUBLE CURLED. For salad or garnishing. May be cut two or three times. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 40c.

UPLAND CRESS. This is a hardy perennial which remains green almost the entire year. It is ready for use before any other Salad in the spring. It has the flavor of Water Cress. Pkt., 10c.

✓WATER CRESS.

Can be grown in moist places fairly well, and easily where there is a supply of fresh water—on the margin of ponds, creeks, etc. It has perennial roots and increases rapidly by self-sown seeds and extension of the roots. It has a pungent flavor. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

✓CORN, SWEET or SUGAR.

WELSCHKORN, Ger. MAIS, Fr.

1 qt. for 200 hills. 1 peck for an acre in hills.

All varieties may either be sown in rows $3\frac{1}{2}$ feet apart, placing the kernels one foot apart in the row, or planted in hills at a distance of 3 to 4 feet each way. The richer the soil and the taller the variety, the greater should be the distance between the hills. The first planting may be made about May 15th. For succession, plant every two weeks until August.

MAMMOTH WHITE CORY.

The Largest and Best EXTRA EARLY Sweet Corn.

A DECIDED and marked improvement on the White Cob Cory.

The ears are twelve instead of eight-rowed, very much larger and free from the open space which is such an objectionable feature of the original sort. The grain is white, the quality is good, and the beauty and size of the ears gives this variety ready sale in all markets. Pkt. 5c; pt. 20c; qt. 35c; pk. 80c; bu. \$3.00.

EARLY CORY (RED COB). Recognized throughout the United States as the standard early sweet corn. Ears eight-rowed with red cob and broad, light pink grains. A profitable sort to grow for early market. Pkt. 5c; pt. 15c; qt. 30c; pk. 70c; bu. \$2.50.

EXTRA EARLY ADAMS. This is really a field corn, but a very tender variety for table use. It can be planted earlier than any sweet corn. Ripens within sixty days. Pkt. 5c; pt. 15c; qt. 30c; pk. 75c; bu. 70c.



MAMMOTH
WHITE CORY
SWEET CORN.

Please note that prices quoted for pints and quarts are postage paid by us. If ordered by express deduct at rate of 10 cents per quart. One-half pints furnished at pint rates.

EARLY MINNESOTA. An old but most excellent variety both for market and home use. Ears fair size and uniform, eight rowed, kernels tender and sweet; color white. Nearly as early as Cory. Pkt., 5c; pt. 15c; qt. 30c; pk. 70c; bu. \$2.50.

CROSBY'S EARLY SUGAR. This is extensively grown for canning. Ears short, twelve or more rowed, grain thick and sweet. Comes in three or four days later than Minnesota. Pkt. 5c; pt. 15c; qt. 30c; pk. 70c; bu. \$2.50,

Country Gentleman.

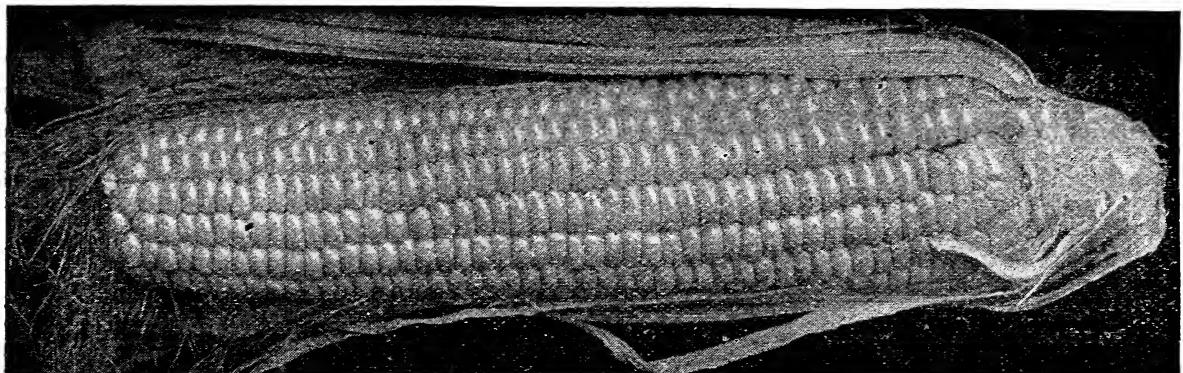
The Finest Sweet Corn for Private Use.

THE great merit of this Corn is its fine quality, being of fine, rich flavor, remarkably sweet and tender. Where quality is preferred to size, it has no equal. Ears of fair size, three to five to a stalk, cob small. Kernels pure white and long. We can not speak of it too highly as the Sweet Corn to plant for home use. Ripens about same time as Stowell's Evergreen. Pkt. 5c; pt. 15c; qt. 30c; pk. 70c; bu. \$2.50.

STOWELL'S EVERGREEN.

More extensively planted than any other sort, being the general favorite with market gardeners and canners for late use. If planted at the same time with earlier kinds it will keep the table supplied until October. Ears are of good size, grain deep, tender, and sugary, remaining a long time in condition for cooking. Pkt. 5c; pt. 15c; qt. 20c; pk. 60c; bu. \$2.00.

SWEET CORN.—Continued.



AN EAR OF EARLY CHAMPION, PHOTOGRAPHED GREEN WHEN READY FOR BOILING.

EARLY CHAMPION.

The Earliest LARGE Sweet Corn.

PRODUCES ears ten inches long in 60 days. Comes in immediately after the small eared early sorts. It has a medium size, white cob, kernels pure white, very sweet, tender and full of milk; yields three to four ears to the stalk. Pkt. 5c; pt. 15c; qt. 30c; pk. 70c; bu. \$2.50.

OLD COLONY. An old variety that is hard to beat. Ripens a little ahead of Stowell's Evergreen. Stalks grow tall and carry usually two large ears, sixteen rowed. The grain is deep, rich, and sweet; cob white. A valuable market sort and *one of the best for canners.* Pkt. 5c; pt. 15c; qt. 25c; pk. 60; bu. \$2.25.

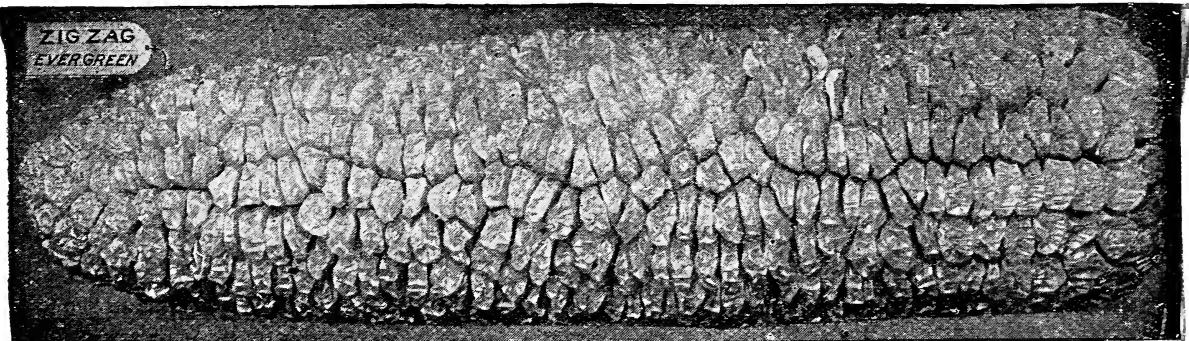
PERRY'S HYBRID. Nearly as early as Minnesota with larger ears, twelve to fourteen rowed, averaging two ears to a stalk. Kernels large, cooking white and tender. Pkt. 5c; pt. 15c; qt. 30; pk. 70c; bu. \$2.50.

MOORE'S EARLY CONCORD. Medium early; 12 to 16 rowed. Ears large and well filled. Good to follow Crosby. Pkt. 5c; pt. 15c; qt. 25c; pk. 70c; bu. \$2.50.

OUR local market gardeners consider this one of the most profitable varieties to plant, some of them use no other. It has many good points to commend it, chief among which are *earliness, large size, fine appearance* (being well formed), *great productiveness*, two to three ears on a stalk, and *superior table quality*. It is twelve rowed, cob white, a stout, stocky grower, and is equally valuable for the home gardener as the trucker. Pkt., 5c; pt., 15c; qt., 30c; pk. 70c; bu. \$2.50.

HICKOX. A week to ten days earlier than Evergreen. Makes a large ear of white and handsome grain on a white cob. Remains in condition a long time. The best sort for drying and canning. Pkt., 5c; pt., 15c; qt., 25c; pk., 75c; bu., \$2.75.

BLACK MEXICAN. Although the ripe grain is black or blue-black in color, the corn when in condition for table cooks *almost white*. It is *very sweet and tender*. Once tried in the family garden it is sure to be continued. Pkt., 5c; pt., 15c; qt., 30c; pk., 75c; bu., \$2.75.



✓ ZIG ZAG EVERGREEN.

THIS illustration (taken from a photograph of a dried ear) gives a better idea of its characteristics than can be described. Hitherto Stowell's Evergreen has been the standard and favorite late corn, but it must now take its second place. Zig Zag is sweeter, has *larger ears*, is much more *productive* (yielding 2 to 4 ears to the stalk) and remains fit for use *longer than Stowell's* or any other variety. For canning factories it is unequalled. *Private planters and market gardeners* who once try this will *use no other late variety*, for, beyond all doubt, it is the best large eared late Sweet Corn produced up to the present time. Pkt., 5c; pt., 15c; qt., 30c; pk. 70c; bu. \$2.50.

MAMMOTH SUGAR. Ripens a little later than Evergreen. Large ears. Kernels flat. Largely used by canners and market gardeners. Pkt. 5; pt. 15c; qt. 30c; pk. 70c; bu. \$2.50.

EGYPTIAN, or Washington Market. This matures very late. Invaluable for canning; ears large, twelve to fifteen rowed, grain is sweet and tender. Pkt. 5c; pt. 15c; qt. 30c; pk. 70c; bu. \$2.50.

Barry C. 1888

✓ Please remember our prices on Sweet Corn by the pint and quart include prepayment of postage by us. Customers ordering Sweet Corn to be sent by freight or express can deduct at rate of 10 cents per quart from prices named.

✓ POP CORN. The boys will thank you to order some for them to plant. We have seed that is very choice. It pops large and white. Pkt., 5c; $\frac{1}{2}$ lb., 20c; lb., 30c.

FIELD CORN and **SWEET CORN** for Fodder. For prices and description see pages 49 and 50.

SLUG SHOT
KILLS
THE BUGS.

CUCUMBER.

GUERKEN, Ger. PEPINO, Sp. CONCONBRE, Fr.
1 oz. for 50 hills; 3 lbs. in hills per acre.

SLUG SHOT
KILLS
THE BUGS.

THE Cucumber is a tender annual and should never be planted in open ground until settled weather arrives, for general crop about the middle of May. For pickles, plant in June or to about the middle of July. By far the best results are obtained from plantings in warm, rich sandy loam. Prepare hills 4 feet apart each way, and mix with the soil of each a shovel full of well rotted compost. Sow thickly, and when all danger of insects is past, ("Slug Shot" is sure death to the striped cucumber beetle), thin out all but three or four of the stockiest vines in each hill. As the cucumbers attain sufficient size, both the perfect and the imperfect specimens should be picked at once, as fruit left upon the vines to ripen soon destroys their vitality, and consequently their productiveness.

SIBERIAN.

Very early, at least a week ahead of Early Russian. Of quick, shortgrowth, fruits small, green, just the size so much esteemed for table pickles. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

COOL AND CRISP. As a Cucumber for slicing we know of none better. Long and slim, pointed at the ends, very dark green, almost black. One of the earliest. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

EXTRA EARLY GREEN PROLIFIC. Matures fully ten days earlier than the well-known Green Prolific. Market gardeners will find it very advantageous to plant this strain. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

EARLY FRAME. An old and popular variety, bearing fruit of good size, straight and well formed. Desirable for pickles. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

EARLY GREEN CLUSTER. Hardy and vigorous bearing fruit in clusters near the root. Desirable for table use. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

EARLY RUSSIAN. For small pickles this is a good sort to cultivate. Grows about 4 inches long and is very hardy. Pkt. 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

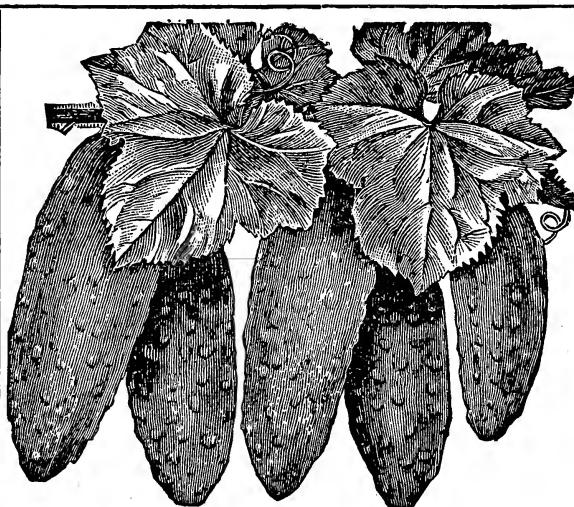
Arlington White Spine.

THIS is a favorite market variety, largely used for forcing as well as for out-door cultivation. It is early, of good size, always straight and smooth, and very prolific. Color dark green, never turns yellow, and excels in crispness and fine flavor. Pkt. 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 70c.

NICHOL'S MEDIUM GREEN. Is good for early forcing, and for slicing and pickles. Color, dark green, flesh crisp and tender. Some pickle growers think this is the best variety for the purpose. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

GREEN PROLIFIC. Great bearer of medium sized fruit that is excellent for slicing as well as for pickling. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

GHERKIN or BURR. From the West Indies. A very small oval sort, grown exclusively for pickles. Prolific to an extraordinary degree. Seeds are slow to germinate. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c.



WESTERFIELD'S CHICAGO PICKLE.

THIS is now recognized all over the country as the **BEST Cucumber for pickles.** It is valuable for slicing also, being of fine flavor. The fruit is of medium length, pointed at both ends, coarsely prickled; color dark green. Our Chicago pickle factories use this variety to a large extent. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

deep green color in all stages of growth. Fruit is quite long, smooth and handsome. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb.. 20c; lb., 60c.

IMPROVED LONG GREEN. Long and smooth. One of the very best for sweet pickles. Firm and crisp with very few seeds. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.



Japanese Climbing Cucumber.

This new Cucumber is a strong and vigorous grower, the vines attaining nearly twice the length of common varieties. The young plants are bushy, but as soon as they become well established they begin to climb, and may be grown on fences, poles or trellises, thus saving much valuable space in small gardens or where land is expensive. It is estimated that with this Cucumber *the product of a given area can be increased three-fold.* The fruits are ten to twelve inches in length, of a fine green color; the flesh is thick and firm, never bitter, and fine for pickling, as well as slicing. It is very prolific, the vines are proof against mildew, and continue bearing until late in the fall. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 55c.

For Frames and Forcing.

Sow the seeds in small pots early in the year.

TELEGRAPH. Fruit grows about 18 inches in length. Light green, smooth skin. An abundant cropper. Pkt., (25 seeds,) 25c.

EGG PLANT.

EIERPFLANZE, Ger. AUBERGINE, Fr.

1 oz. for 1,000 plants. For price on plants see vegetable plant list.

Any good garden soil will answer, provided it be in a sheltered position and be well cultivated. Sow in hot-bed in March; when two inches high, transplant into a second bed or thin to 4 inches apart. Plant in open ground at commencement of summer weather, setting out in rows $2\frac{1}{2}$ feet apart each way. Carefully protect from intense sun, drought, weeds and potato bugs. Throughout its growth take every precaution to avoid chilling. Use Slug Shot if you notice potato bugs on your egg plants.

NEW YORK IMPROVED PURPLE. This is known by market men everywhere. Fruit spineless; large, oval; skin purple, flesh white, quality excellent. Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., 75c; lb., \$2.75.

BLACK PEKIN. Very early; fruit nearly round, skin smooth, dark and glossy; flesh white and fine-grained. Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., 75c; lb., \$2.75.

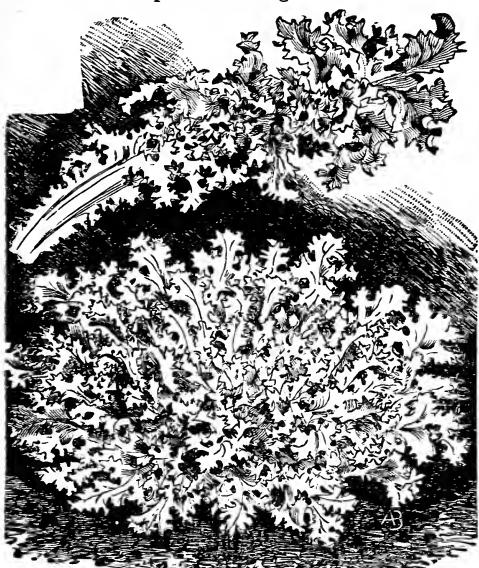
EARLY LONG PURPLE. Hardier than other sorts; does well almost anywhere; fruit long and dark purple in color. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.50.

ENDIVE.

ENDIVIEN, Ger. CHICOREE, Fr.

1 oz. will sow 150 feet of drill.

Its leaves, when properly blanched, make a tender and delicious salad for fall and winter use. Should be sown in July. When the leaves are eight to ten inches long, tie the tops together to blanch the heart and remove the bitter taste. Lift late in fall with a ball of earth attached and place close together in a frame or cellar.



GREEN MOSS CURLED ENDIVE.

GREEN MOSS CURLED. A unique variety, somewhat resembling a tuft of moss. Very crisp, tender and of good flavor. Being less hardy than other sorts, it requires protection from cold. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

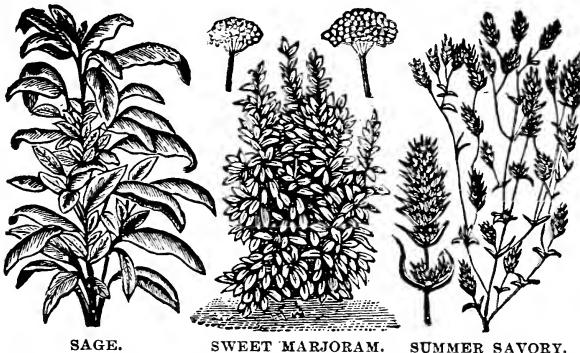
BROAD-LEAVED BATAVIAN. Has slightly wrinkled, thick leaves. These, when blanched, make a delicious summer salad. It is usually grown for use in soups and stews. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

GARLIC.

KNOBLAUCH, Ger. AIL, Fr.

1 lb. to 10 ft. drill.

A bulbous-rooted perennial, much valued for flavoring soups, stews, etc. It thrives best in a light, well-enriched soil. The root or bulb is composed of many small bulbs called "cloves," which are planted in the spring, six or eight inches apart. In August the tops die down, when the bulbs are ready to gather. Cultivate and store, same as onions. Fine bulbs, $\frac{1}{4}$ lb., 15c; lb., 30c., postpaid.



SAGE.

SWEET MARJORAM. SUMMER SAVORY.

HERBS—Pot, Sweet and Medicinal . . .

Herbs in general delight in a rich, mellow soil. Sow the seeds early in spring in shallow drills, one foot apart; when up a few inches thin out to proper distance or transplant. Care should be taken to harvest them properly. Do this on a dry day, just before they come into full blossom; dry quickly in the shade, pack close in bottles or dry boxes to exclude air entirely.

| Varieties marked with an * are perennials. | Pkt. Oz. |
|---|----------|
| Anise. Used for seasoning and garnishing | 5 10 |
| *Balm. For cooking purposes | 5 25 |
| Borage. Leaves are used as a salad | 5 15 |
| *Caraway. Seeds used medicinally and in bread | 5 10 |
| Coriander. Seeds used for flavoring | 5 10 |
| Dill. Leaves used with pickles, seeds for flavoring soups and vinegar | 5 10 |
| Fennel. Seeds for flavoring; leaves for garnishing | 5 10 |
| *Horehound. Has medicinal qualities | 5 20 |
| *Lavender. Its flowers are used in the manufacture of oil and distilled water | 5 15 |
| Marjoram. Sweet. Used for seasoning | 5 10 |
| *Pennyroyal. For medicinal purposes | 10 |
| Rosemary. Leaves used for seasoning | 5 20 |
| Saffron. Used for coloring | 5 15 |
| Sage. Leaves are used in stuffing and sauces | 5 15 |
| Savory, Summer. Used for seasoning | 5 10 |
| *Thyme. For seasoning | 5 30 |
| *Wormwood. Has medicinal properties | 5 15 |

We can supply any of above in larger quantities.

KALE. See Borecole.

HORSE RADISH. This is not reproduced from seed, but planting pieces of roots called "sets." These, planted small end down about two inches below the surface, will produce radish in one season. As it increases very rapidly, any out of the way location in the garden should be chosen. Small roots, doz., 25c; 100, 75c, by mail, postpaid. Write for special price in large quantities.

KOHL RABI. TURNIP ROOTED CABBAGE.

KOHLRABI, Ger.

CHOU-RAVE, Fr.

1 oz. to 2,000 plants.

WHITE SHORT LEAVED. Much superior to Vienna. It is very early and the best for forcing as well as for outdoor culture. Bulb is greenish-white, smooth, of finest texture and quality. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

EARLY WHITE VIENNA. Early; small, white bulb. Best for table use. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.60.

EARLY PURPLE VIENNA. A little later than the white; color purple. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25.

LEEK. LAUCH, Ger. POIREAU, Fr.

1 oz. to 150 ft. of drill.

LARGE AMERICAN FLAG. This is the sort chiefly grown by market gardeners. It is of excellent quality, mild flavor and uniform. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.25.

MUSSELBURG. (Scotch Champion.) Large and broad leaves. Flavor mild and pleasant. A good Leek. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

MONSTROUS CARENTAN. The largest variety, often three inches in diameter, and becoming very white and tender. A very hardy and desirable sort, which is worthy of more extended cultivation. Pkt. 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

LETTUCE.

LATICH, Ger. LAITUE, Fr.
1 ounce will sow 150 feet of drill.

The Lettuce is universally grown by all those who have gardens. It is of easy growth and will thrive in any ordinary garden soil. Sow thinly in rows one foot apart, and when large enough thin out the plants so as to leave room for growth. To obtain good Lettuce all through the season it is necessary to make sowings at short intervals, for Lettuce during the hot months is apt to become bitter and run to seed. For home use we recommend the Head Lettuce in preference to the loose-leaved varieties; they are finer flavored, more solid, tender and crisp, and usually without a trace of the bitter flavor occasionally noticeable in the loose-leaved sorts.

... CURLED OR LOOSE-LEAVED LETTUCE...

Grand Rapids.

FOR greenhouse forcing this fine Lettuce deservedly stands at the head of the list. It matures quickly, is little liable to rot, and keeps without wilting when exposed for sale longer than any other forcing sort. Forms a loose head of yellowish green leaves. It is also a desirable variety to sow in the open ground in early spring. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb. 90c.

EARLY CURLED SIMPSON. Excellent for forcing. It forms a compact mass of leaves, more curled than those of Black Seeded Simpson. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb. 90c.

Cos, or Celery Lettuce.

The Cos Lettuces are distinct from the other sorts, in having long, narrow, spoon-shaped leaves, which usually fold into loose sugar loaf shaped heads, which blanch better by having the outer leaves drawn about them and tied. They are justly celebrated throughout Europe on account of their exceeding crispness, tenderness and delicate flavor, and are becoming more and more popular in this country as they become better known.

... HEAD OR CABBAGE LETTUCE...

Lettuce fresh and crisp from the garden is most enjoyable. We earnestly advise all who have a little plot of ground to grow their own Lettuce using some of the following:

• • Denver Market. • •

A N early variety either for forcing or the open ground. It forms large, solid heads of a light green color and is slow to run to seed. The leaves are beautifully marked and blistered (like the Savoy cabbages), are very crisp, tender and of excellent flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb. 90c.

WHITE SEEDED TENNIS BALL or Boston Market. A fine, early sort; small, white, crisp leaves. Being hardy is grown in cold frames in winter. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb. 90c.

BLACK SEEDED TENNIS BALL. For forcing under glass or early planting out-doors, this is one of the best. Leaves thick, dark green, forming very solid heads. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb. 90c.

Hanson. For out-door culture there are none more reliable than this. In rich ground, well cultivated, the heads grow to resemble small cabbages. Outer leaves green, white within, having no better taste. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb. 90c.

CALIFORNIA CREAM BUTTER. A summer lettuce whose rich cream-yellow leaves are most refreshing in appearance and rich and buttery to the taste. The heads are of good size, round and solid, and slow to go to seed. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb. 90c.

BIG BOSTON. Sure to be wanted by all. It makes large, solid heads at all seasons and is crisp and tender in quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.



GRAND RAPIDS FORCING.

Black Seeded Simpson.

IN Chicago and throughout the West in general this is the favorite with market gardeners and is unexcelled for the private garden. Its leaves are lighter in color than Curled Simpson; they are nearly white, thin, crisp and tender. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.

PRIZE HEAD. One of the best, large, thin loose-leaved sorts for the home garden. The leaves are exceedingly tender, bright green, tinged with red, slightly crimped, crisp and tender. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb. 90c.

COS, OR CELERY LETTUCE.

TRIANON. A self-blanching sort. The leaves when blanched, are crisp and tender and stiff, like celery stalks. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.

PARIS WHITE. Light colored, very brittle, tender leaves. Head elongated and conical. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.

• • Cilton's White Star. • •

A Great Favorite with Market Gardeners.

SUPERIOR for forcing as well as out-door planting; splendid shipper. Forms enormously large heads; leaves bright green, thick and crisp. This variety retains its fresh appearance longer than many other varieties. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb. 90c.

SALAMANDER. Heads large, compact, light green, with white center. Invaluable to market gardeners, because of its remaining a long time in head, and also on account of its resistance to both drought and heat. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb. 90c.

YELLOW SEEDED BUTTER. A valuable variety for late spring or summer planting, as it will stand the heat better than most sorts, and is slow to go to seed. Its large, solid, yellow heads are very crisp and tender, and of excellent flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb. 90c.

ST. LOUIS HEAD. Considered the best head lettuce to force under glass and for early planting out of doors. A favorite with the St. Louis market gardeners as well as those of other cities. Forms medium sized heads, compact and solid. Leaves thick, rich and nutty in flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb. 90c.

ALL THE YEAR ROUND. A hard head lettuce. Leaves crisp and tender. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb. 90c.



TRIANON LETTUCE.

MUSK MELON.

MELONE, Ger. MELON, Fr.

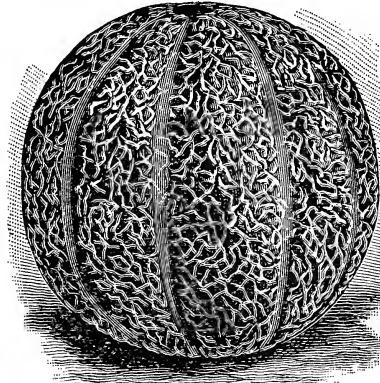
1 ounce to 60 hills; 2 to 3 lbs. per acre in hills.

well up and all danger from bugs has passed, thin gradually, leaving finally 2 or 3 of the stockiest vines to hill. Should the growth prove too luxuriant, pinch off the end of the vines when about 3 feet in length. Should the fruit set too thickly, thin when young, in order to increase the size and the quality of the remaining melons. This also hastens ripening.

Ashes or lime is excellent to sift over the young plants to prevent the attack of insects. Use Slug Shot to kill them.

EXTRA EARLY HACKENSACK. Ripens fully *ten days ahead* of the old Hackensack, which it much resembles. Being a good shipper it is largely grown at the South and sent to Northern markets. Fruit large, round and deeply netted. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

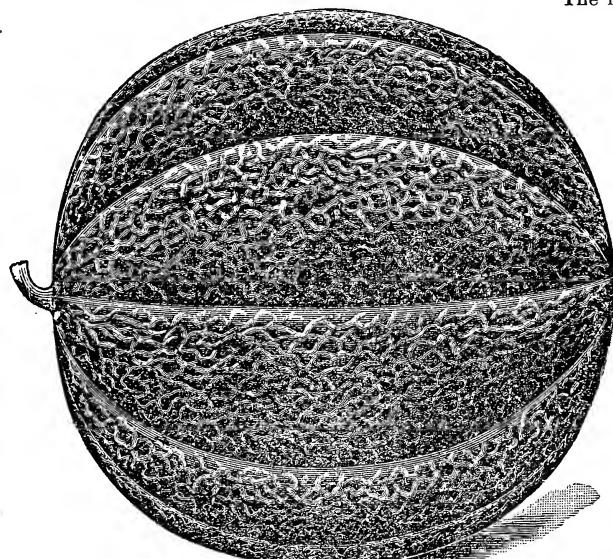
NETTED GEM. One of the earliest and the *best small green-fleshed melon in cultivation.* It is grown for shipping in baskets to almost every market in the country. The fruit, while not large, is remarkably uniform in size, globular in shape, skin light green and deeply netted. In flavor it is most delicious. *Truly a gem.* Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.



NETTED GEM.

LONG ISLAND BEAUTY.

A new variety of the Hackensack type, originated on Long Island. It possesses so many advantages over that well-known sort that it is destined to supersede it. The skin is densely netted. In form it resembles the Hackensack but is more ribbed and of handsome appearance. Besides its *superior quality* it has also *earliness* to commend it for approval. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.



TIP TOP.



NEW LONG ISLAND BEAUTY MELON.

MONTRÉAL MARKET. To all who wish to raise the most beautiful melons for exhibition, or extra large fruit for the market we recommend this variety. Very authentic reports are recorded of these melons having been grown to the weight of *nearly forty pounds each.* In Canada, where they are chiefly grown under glass, twenty-pound melons are common. Fruit is almost round, flattened at both ends, deeply ribbed and netted; skin green. Flesh very thick, light green, and of delicious flavor. It is a sure and heavy yielder. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

IMPROVED GREEN NUTMEG. A large melon, nearly round. Flesh greenish yellow and of delicate flavor. The seed we offer is most carefully selected and we know it will give satisfaction. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

PAUL ROSE. A valuable melon for shipping in baskets. Fruit about five inches in diameter, nearly round. Solid with very small seed cavity. Flesh salmon color and of good quality.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 85c.

Musk melons thrive best in a warm, rich, sandy loam. After thorough spading or plowing, make hills 6 feet apart each way and mix with the soil of each two shovelfuls of well-rotted compost. The hills should be 18 inches in diameter, 15 inches in depth, and raised about 3 inches above the surface of the land. As soon as warm weather becomes established, plant 12 to 15 seeds in a hill. When plants are well up and all danger from bugs has passed, thin gradually, leaving finally 2 or 3 of the stockiest vines to hill. Should the fruit set too thickly, thin when young, in order to increase the size and the quality of the remaining melons. This also hastens ripening.

Ashes or lime is excellent to sift over the young plants to prevent the attack of insects. Use Slug Shot to kill them.

CHICAGO MARKET.

This exceedingly valuable nutmeg variety, originated as a result of careful selection, with one of Chicago's most successful market gardeners and melon growers. It continues to hold the highest place in the estimation of market men, holding its own year after year against all comers. It matures early, ripens evenly, and is of uniform size. The fruit is large, nearly round in form, and flattened at the ends. Flesh thick and of most delightful flavor. It is a green fleshed variety, and in good demand among the Chicago hotels. Packet, 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

Champion Market.

The flesh is thick, light green in color, and of rich, sweet flavor, well maintaining the promise of quality that is indicated by the deep ribs, heavy netting and handsome appearance. The melons are of the same form and outer appearance as Netted Gem, but are *three times the size.* It is early and *very productive*, frequently bearing seven perfect melons on a single vine. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

ROCKY FORD. A new and valuable melon which, within a very short time, has attained national fame for dainty appearance, excellent quality, and delicacy of flavor. It is of the Netted Gem Type, oval in shape, averaging four in. in length. Flesh has a delightful aroma, is juicy and rich, color greenish white. Nearly all prominent hotels,

east and west, now include the Rocky Ford melon in their bill of fare. Pkt., 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

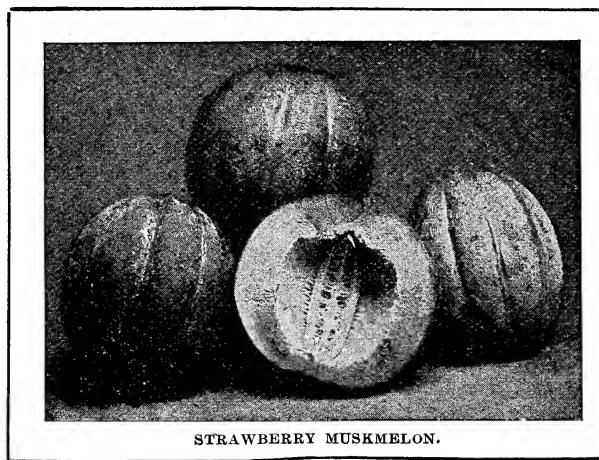
TIP TOP. There is a distinctness about this melon which readily enables any one to select it in a group. The universal testimony of every one cultivating the Tip Top is, that every fruit produced, whether big or little, early or late in the season, is a good one—*sweet, juicy, fine flavor*, firm, but not hard fleshed, eatable to the very outside coating. As a yielder it is not surpassed. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

CHRISTIANA. Recommended because of its *extreme earliness*, being of the quickest growth of any on record. Flesh yellow, sweet, juicy, and of good quality. It is best just as it falls from the vines, hence adapted particularly to the family garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

MUSK MELON.—Continued.

OSAGE OR MILLER'S CREAM. This is more largely grown for the Chicago market trade than any other Musk Melon. It is exceedingly popular throughout the West, and in its season is served on all hotel tables and leading restaurants. The shape is pointed-oval, somewhat resembling a cocoanut. Medium size, color dark green, slightly netted and of a rich orange color where the melon lies on the ground. The flesh is thick, salmon-colored, and in quality is hard to beat. Thin rind and very small cavity. We have some extra choice seed of this fine melon. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

EMERALD GEM. A small, very early sort, that is without doubt the *most delicious table melon extant*. Form, flat-round. Flesh, deep orange, very thick, with small seed cavity. Skin smooth, dark green. *The quality is all that can be desired.* This melon is not a good shipper. We commend it to all for home use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 75c.



STRAWBERRY MUSKMELON.

STRAWBERRY MUSK MELON. This, the latest production of an expert melon originator, was first introduced by us. Its outward appearance compares favorably with the old Green Nutmeg, turning to a yellowish hue overnight, when ripe. Flesh red, soft to the rind, exceptionally sweet. Grows to a desirable market size, about 6 to 8 pounds each. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

SURPRISE. An early and very prolific variety, bearing good-sized melons of first quality. It has a *thin, cream-colored skin, and thick, salmon-colored flesh.* Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

BANANA. An entirely distinct variety. It grows from eighteen inches to two feet in length. Fruit long, slender and banana-like. When ripe it smells like one having a delightful fragrance. Skin creamy white, not netted; flesh salmon color when the melon is ripe. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

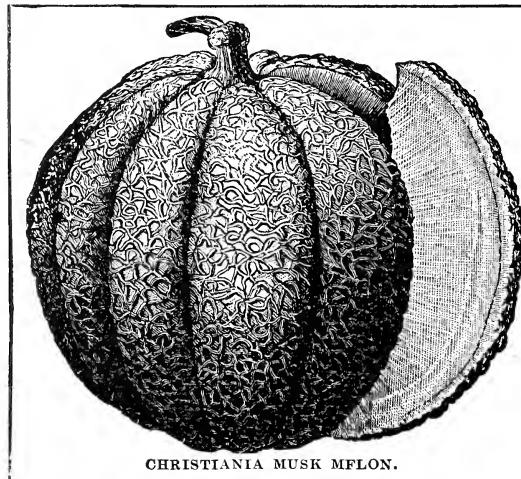
WATER MELON.

WASSERMELONE, Ger.
1 oz. to 30 hills, 4 to 5 lbs. in hills to an acre.

MELON D'EAU, Fr.
.... COLE'S EARLY

A delicious and productive variety for the family garden, succeeding in Northern States. It is so early that it matures in every State; very hardy; the flesh is deep red in color, clear to the rind, and is most sweet and delicate in flavor. It is exceedingly brittle, and hence cannot be shipped to distant markets, but is most desirable for the home garden. Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

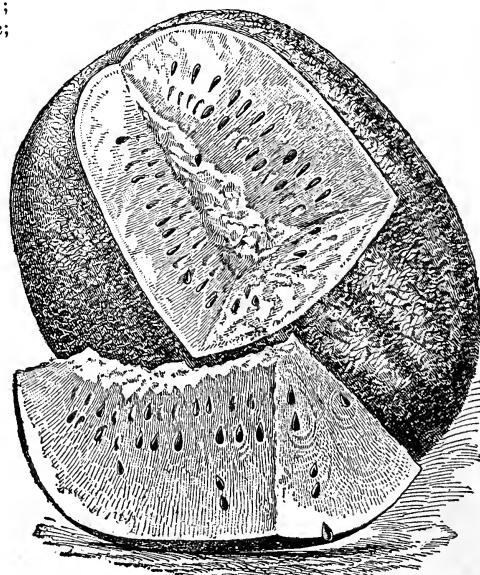
MAMMOTH IRON CLAD. A monstrous, striped, oblong melon, having a rind of such remarkable strength and impenetrability as to render it perfectly "iron-clad;" hence the best shipper produced to date. Flesh red, sweet, tender, crisp and juicy. Heart very large. The keeping qualities of this melon are remarkable. Whether plucked or left upon the vines, they remain perfectly fresh fully one month after ripening. In addition to the foregoing facts it is the most remarkable yielder on record. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15c; 1 lb. 50c.



CHRISTIANIA MUSK MELON.

VINE PEACH or MANGO MELON. The vine on which they are borne is similar to the musk-melon, and requires the same cultivation. The fruit is about the size of a large peach, and of a bright orange yellow color, somewhat russeted. They are easily cultivated, wonderfully prolific, and can be used in every way like a peach.

Pkt., 5c; oz., 20c.



SWEET-HEART WATER MELON.

The culture of the Water Melon is very similar in all respects to that of the Musk varieties. Being hardier, and of much more vigorous habit, however, it may be planted in May, before settled warm weather appears, in hills not less than 8 feet apart, and thinned to two vines per hill. If melons of largest size are the object, remove all but a few when quite small.

SWEETHEART.

This variety has no equal as a melon to ship to distant markets, and it is so attractive in appearance that it is readily sold when all others are a drug. Of the largest size, a little longer than thick, but nearly globular in shape. Skin very bright, beautiful mottled green. Flesh bright red, firm and heavy, but crisp, melting and exceedingly sweet. This melon is not only a good keeper, but it improves in quality for a long time after ripening. Seeds dark gray. That which we offer is grown from the original stock, and is genuine Sweet Heart. Pkt., 5 c;
oz., 10 c;
 $\frac{1}{4}$ lb., 20c;
lb., 60c.



WATERMELON.—Continued.

CUBAN QUEEN. Fruit, medium to large; oval; skin striped, light and dark green. Flesh bright red, sugary, and crisp. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15c; lb. 50c.

KOLB'S GEM. Grows to a large size and is an excellent shipper having a tough skin. Form oval; flesh red, firm, and solid. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15c; lb. 50c.

BLACK DIAMOND. A cross between Kolb's Gem and Hoosier King. Its prominent point of merit is its extreme size and productiveness. Melons weighing from 75 to 90 lbs. are frequent. Form somewhat oval; skin dark green, almost black. Quality equal to Sweetheart. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

KLECKLEY SWEETS. One of the

best flavored melons in cultivation—possibly the best table melon to-day. It is better for home use than for shipping. Form large, ova; skin dark green; flesh scarlet, ripening almost clear up to the skin. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

PEERLESS, OR ICE CREAM. Medium size; nearly round; skin mottled gray, flesh pink and sweet as honey. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15c; lb. 50c.

DIXIE. It is conceded to be the best shipper and keeper grown. It is larger, ten days earlier, more beautifully striped and of finer appearance than Kolb's Gem. Skin dark green, striped, flesh bright deep scarlet, sweet, tender, and juicy. A most valuable cropper. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15; lb. 50c.

GEORGIA RATTLESNAKE. Fruit large, shape oblong, rind dark green striped and mottled, flesh red, of fine quality. It stands shipment long distances. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15c; lb. 50c.

MOUNTAIN SWEET. Form oval; skin dark green, flesh scarlet. One of the best melons for the home garden. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15c; lb. 50c.

DARK ICING. Form round; medium size; skin dark green; flesh scarlet. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15c; lb. 50c.

LIGHT ICING. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15c; lb. 50c.

HUNGARIAN HONEY. Globe shaped, ripening early. A superb melon for family use. Skin dark green; flesh bright red, sweet, and luscious. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

DUKE JONES. An extra early, round, very large melon. One of the best for eating as well as for market. Rind green, flesh red, of fine flavor. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15c; lb. 50c.

PHINNEY'S EARLY. Excellent for early market. Oblong. Rind mottled; flesh red brittle, and tender. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15c; lb. 50c.

PRIDE OF GEORGIA. Form nearly oval. Skin dark green, flesh red. A first-class variety for home use. Not suitable for shipping. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15c; lb. 50c.

SEMINOLE. Extra early, very productive, large, and of splendid flavor. Melons of both gray and light green are found on the same vine. Pkt. 5c; oz. 7c; $\frac{1}{4}$ lb. 15c; lb. 50c.

TRIUMPH. The points of excellence of this really good melon are earliness, fine shape, thin, tough rind, great productiveness, attractive color, and excellent quality. It is a cross between Duke Jones and Kolb's Gem. It has the handsome appearance of the former and the shipping qualities of the Gem; very early, prolific, deliciously sweet, and of enormous size. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 75c.

HOOSIER KING. The melons grow oblong, and are of an even diameter through their entire length. Flesh bright red, solid, and sweet. Rind striped light and dark green; thin but very hard, making it a good shipping sort. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

CITRON. It should be borne in mind that this variety is not eaten in its raw or natural condition. It makes preserves of the finest flavor. Form round; striped and marbled with light green. Flesh white. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c.

(For other Watermelons see p. 32.)

**MELON GROWERS,
ATTENTION!**

The varieties of melons listed here are all first class, some being more suitable for one purpose and some for another. Our seeds have been grown by careful specialists, and can be depended on to produce good crops of true to name melons.

MUSHROOM SPAWN.

CHAMPIGNON BRUT, Ger. CHAMPIGNON, Fr.

Ten pounds will spawn about ten feet square.

ROBINSON'S MUSHROOM CULTURE.—A book giving directions how to raise Mushrooms. Postpaid, 50c.

MUSHROOMS, HOW TO GROW THEM, By Wm. FALCONER.—The most complete book published in America on the cultivation of Mushrooms. Per copy, \$1.50, postpaid.

MUSHROOMS are much enjoyed as a table luxury and with proper conveniences may be had almost the year around. The Spawn can be planted in anything capable of keeping the necessary materials together in a greenhouse, cellar or shed, where the right temperature can be secured.

CULTURE: Mix thoroughly three parts of horse manure, free from straw, with one part old pasture soil. Make a bed in the cellar, or anywhere that a temperature of 50 to 70 degrees can be maintained; make the bed of any size or shape to suit, but have the compost from 8 to 10 inches deep. When the heat has subsided to about 90 degrees, plant pieces the size of a walnut, 3 inches deep and 6 or 8 inches apart, pressing the compost compactly. After 8 or 10 days cover the bed with 2 inches of loam and top of this 3 or 4 inches of hay or straw and work it down evenly. After the bed has been spawned do not water unless quite dry and when necessary use luke warm water only. The mushrooms will appear in 6 or 8 weeks if the temperature is right.

ENGLISH MUSHROOM SPAWN. In bricks weighing about one and one-fourth pounds each, per brick, postpaid, 25c. By express, not prepaid, lb., 15c.; 10 lbs., \$1.25.

MARTYNIA.

THIS is quite ornamental in growth, quickly forming large bushes and bearing handsome Gloxinia-like flowers. When young and tender (test by pinching with the nail) the seed-pods make excellent pickles, and as they are produced in great abundance, a few plants will suffice for an ordinary garden. Sow in May or June.

MARTYNIA PROBOSCIDEA. The best variety for pickles. It is well worth growing, as the large plants with their handsome pods attract great attention, and the young seed-pods make delicious pickles. Per pkt.. 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; per lb., \$3.00.

MUSTARD. SENF, Ger. MONTARDO, Fr.
1 oz. sows 75 feet of drill.

The young leaves are used in early spring with cress, lettuce, etc. Sow thickly in shallow drills a foot apart and cut when a few inches high. May also be boiled and eaten like spinach.

WHITE. Excellent for salads or garnishing. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

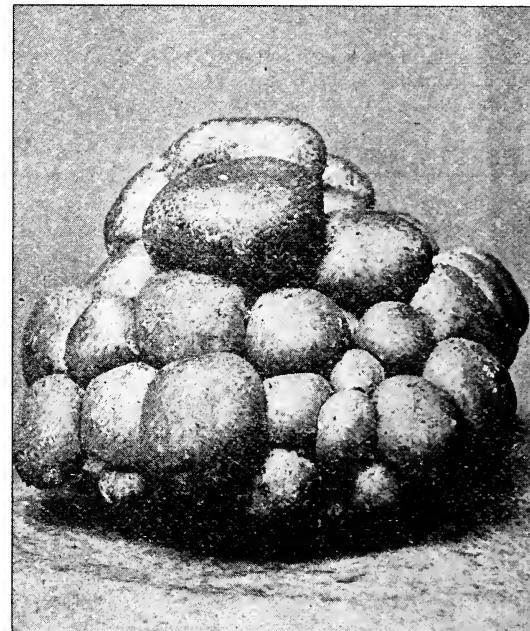
BLACK or BROWN. Leaves oblong, broad and cut. Seeds reddish brown. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

NASTURTIUM, Indian Cress.

If growing for seed, plant in poor soil; when cultivated for flowers or leaves the ground cannot be too rich.

TALL VARIETIES. The seeds, while young, are used for pickles, the highly ornamental flowers and leaves for garnishing. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.

DWARF VARIETIES. Beautiful colored flowers. Pkt., 5c.; oz., 12c.; $\frac{1}{4}$ lb., 35c.



The accompanying illustration was made from a photograph and portrays a single stool of Mushrooms grown by a Chicago gardener from our special brand English Mushroom Spawn. Our Spawn can be thoroughly depended upon. It is reliable and as we import frequently is always fresh.

OKRA or GUMBO.

ESSBARER SAFRAN, Ger. GUMBO, Fr.

1 oz. sows 50 feet of drill.

A fine salad. Sow after weather becomes warm in rows three feet apart, two feet apart in the rows. Will succeed in any good garden soil.

IMPROVED DWARF. A distinct early variety. Pods comparatively short but very numerous. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

WHITE VELVET. A valuable new variety characterized by its round, smooth pods, free from ridges and seams. It is the most prolific Okra now offered, bearing 16 to 20 remarkably white pods per stalk; all well filled with tender, well-flavored fruit, rich in mucilaginous properties. Most desirable for all purposes for which Okra is used. Dried in the shade the pods can be used for soups at any time. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

. . . PEANUTS . . .

When sending your seed order don't forget to order a few Peanuts for the boys and girls. It's lots of fun to cultivate Peanuts and ensures the young people a supply for the winter. Peanuts are a paying crop to grow.

EARLY VIRGINIAN. Remarkably early, of large size and very productive. Of spreading habits cultivate in ridges. $\frac{1}{4}$ lb., 15c.; lb., 25c., postpaid.

SPANISH. The stems grow upright instead of spreading. Planted in May they yield a bountiful crop of nuts in September. This is a good variety on which to fatten hogs. $\frac{1}{4}$ lb., 15c.; lb., 25c., postpaid.



WHITE VELVET OKRA.

ONION SEED OF HIGHEST QUALITY, REASONABLE IN PRICE.

THE NEW —

ONION CULTURE

BY T. GREINER.

PRESENTED to every purchaser of five pounds or more of Onion Seed, or sent postpaid to your address for 50c.

ANY ARTICLE which is used in quantities proportionately large becomes an article of sharp competition, and this business rivalry naturally leads to strife to produce the commodity at lowest possible price. This, in many things, is legitimate and desirable, but emphatically NOT SO in **Onion Seed**. Nevertheless the effort to offer Onion Seed at low prices has the tendency to make the grower less careful in its cultivation, the result being seeds not of the high quality appreciated by experienced planters.

We still stand on the platform of **HIGH QUALITY** and instruct our growers to give us **THE BEST** at the necessary advanced cost price.

GLOBE ONIONS are preferred by some growers to those of any other shape. They do not occupy any more space in the row; they weigh out and measure more and their attractive appearance finds for them ready sale in market.

EARLY RED GLOBE. Very early, at least two weeks more so than Red Wethersfield. Skin deep red, flesh mild and tender. In bottoming and cropping qualities, first class. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

LARGE RED GLOBE. Of medium size, spherical, with small neck. Deep, rich color and handsome form. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

WHITE GLOBE. An onion of beautiful appearance, with clear white skin. Flesh snow white, mild flavored. A heavy cropper and a splendid keeper. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 55c; lb. \$2.00.

SOUTHPORT YELLOW GLOBE. Of the same shape as Red and White Globe, but the color is rich yellow, flesh white, fine grained, and mild flavored. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.35.

YELLOW GLOBE DANVERS. The product of this seed will not average so uniform in shape and other desirable points as our selected strain. It will, however, be found fully equal to the standard of Yellow Globe Danvers, as usually sold. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.10.

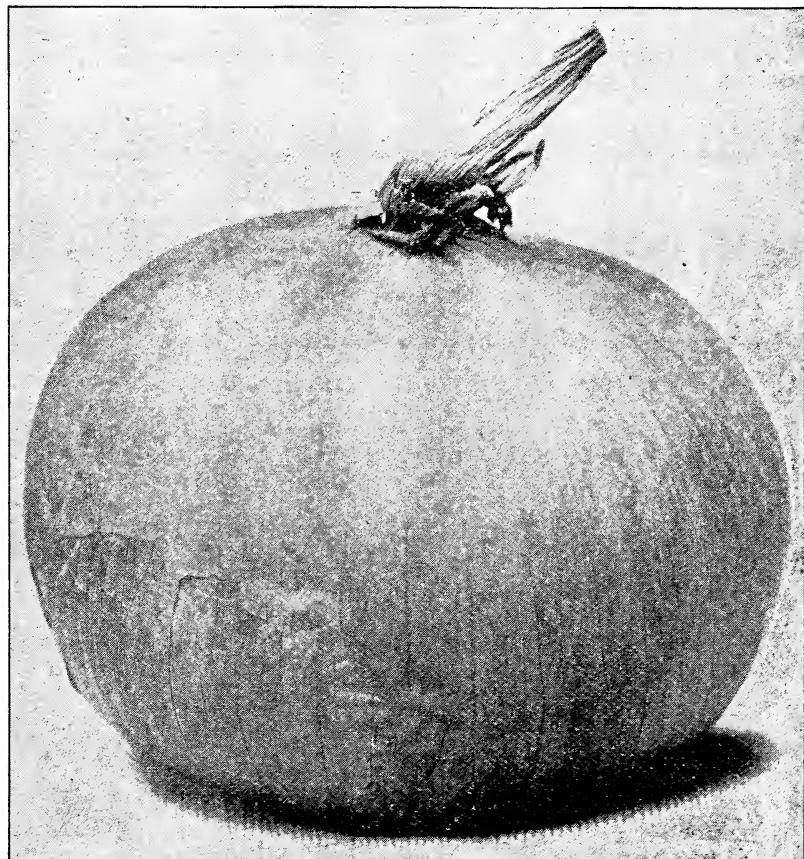
1 ounce to 200 feet of drill. 5 to 6 lbs. are required for an acre.

At prices quoted, WE PAY THE POSTAGE. If the seed is forwarded by freight or express at the expense of the purchaser, 10 CENTS PER POUND may be deducted. If you wish to purchase more than one pound, write us, stating quantity and variety desired, and we will quote promptly.

CULTURE. The Onion is most successfully grown in a rich, sandy loam. Continued cultivation upon the same plot of ground, contrary to the general rule, rather improves the crop than otherwise.

As early as the ground can be worked in the spring, sow the seed, in drills 14 inches apart, covering half an inch. When the plants can just be seen in the rows, commence hoeing, just skimming the surface. Subsequently weed thoroughly and carefully by hand. When the tops die, pull the Onions and spread evenly over the ground; stir or turn until thoroughly dried, then cut the tops off one-half inch from the bulb.

For sowing Onion Seed and cultivating the crop, the grower will find a great advantage in possessing a **GOOD SEED DRILL** and **HAND CULTIVATOR**. (Please refer to pages 98, 99, and 100 of this book for illustrations and descriptions of these Implements.)



Barnard's Selected Yellow Globe Danvers Onion.

The Finest Strain in Cultivation. A Most Popular and Valuable Sort.
Produces the Onions Which Command the Highest Price in Market.

WHILE this Onion is suitable for and yields profitable crops on all classes of soil, it is especially good for muck land on account of its quick maturing qualities.

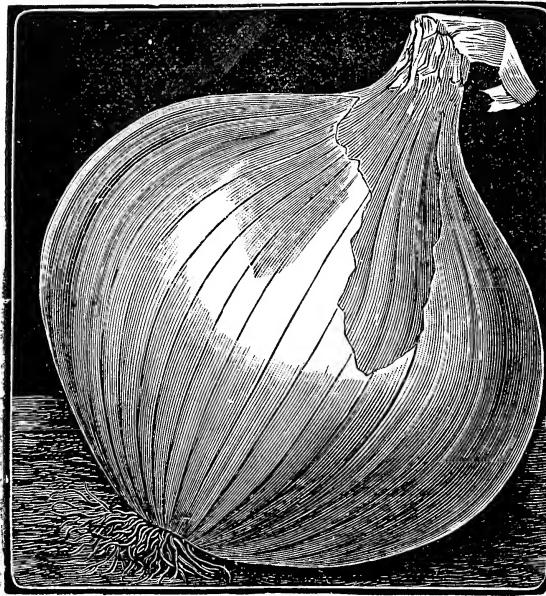
The firm, solid bulbs are all that can be desired in size and quality. Being excellent winter keepers, they are sought after in all onion markets.

Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50; postpaid.

The onions from this strain of seed ripen early and all at once. They are

DISTINCT AND ATTRACTIVE IN SHAPE, HANDSOME, BRIGHT EVEN COLOR; NECKS VERY SMALL.

A conservative estimate of the yield per acre on well-cultivated soil may be stated at 500 to 600 bushels from seed sown in the spring.



PRIZETAKER ONION.

THE PRIZETAKER ONION is globe shaped. Color, clear bright yellow. By early sowing and transplanting (as recommended in *The New Onion Culture*) this onion can be grown to an extraordinary size. In market it attracts instant attention and brings good prices. It is one of the largest, handsomest, and most profitable varieties grown. Has a small neck, ripens up hard and keeps well until midwinter. Flesh, white, thick, mild, and agreeable in flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

MICHIGAN YELLOW GLOBE.

ON RICH, black soils professional onion growers have found this particular strain to be one of the best to cultivate. The bulbs while globe-shaped have a somewhat flattened base. They are of good size, have small necks; color rich orange. A heavy yielder and excellent keeper. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

WHITE PARIS SILVERSKIN. An early, small round variety, excellent for bunching and for pickling. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.60.

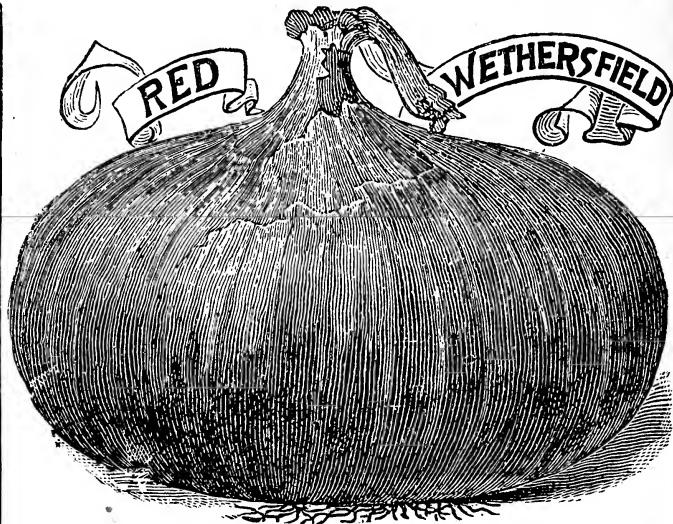
WHITE BARLETTA. An excellent variety for pickling and as a substitute for sets. It is noted for extreme earliness. Color, pure waxy white; flavor, mild and agreeable. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$2.00.

WHITE PORTUGAL. A large, flat, clear, white-skinned onion of handsome appearance and mild flavor. It is desirable for family use and is also planted for sets and pickles. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 55c; lb. \$2.00.

QUEEN. Bulbs very small and flat; flesh white and of a delicate flavor. Sown in February, they will make onions one or two inches in diameter early in the summer. Very early and of rapid growth, and keeps the year round. Fine pickling variety. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$2.00.

YELLOW DANVERS. This differs from Yellow Globe Danvers in that the bulb is flatter. Being a heavy yielder it is largely cultivated both for market and home use. It is also grown to a considerable extent for sets. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.10.

YELLOW DUTCH OR STRASSBURG. This is the kind chiefly used around Chicago and elsewhere for sets. It is later, flatter, and has a darker colored skin than Yellow Danvers. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.



LARGE RED WETHERSFIELD.

A Standard and Profitable Variety
for the Market Gardener.

The best variety
for main crop
ripens in Septem-
ber. Bulbs are

large in size, purplish-red in color. This onion is a sure and heavy yielder, and its keeping qualities are among the very best. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

EXTRA EARLY RED FLAT. Matures very early, yields abundantly, and is of mild flavor; medium size, deep red, close grained, solid and heavy. An excellent market variety and a good one to use where the growing season is short. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

EXTRA EARLY LONG KEEPING AUSTRALIAN BROWN ONION.

WHILE this Onion has been on the market for a comparatively short time, it has proved itself one of the most valuable ever sent out. Planted with Red Wethersfield it ripened nearly four weeks earlier. Bulbs are medium size, hard and solid. The color of the skin is a clear amber-brown, in marked contrast to that of all other onions. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

ONION SETS.

1 quart to 40 feet of drill.

Sets furnish large onions early, as well as the first green onions for table use. They should be planted near the surface in drills about 12 inches apart and 4 inches in the rows as early in the spring as the condition of the ground will permit.

For raising sets about 40 to 50 lbs. of seed to the acre are sown in wide rows, the seed being drilled in quite thickly.

The prices named below are for sets by mail postpaid. If you wish to purchase in larger quantities, write for prices.

| | QT. POSTPAID. |
|-------------------------------------|---------------|
| White Bottom Sets,..... | .30c |
| Yellow " " | .30c |
| Red " " | .30c |
| Potato Onions..... | .35c |
| Top Onions..... | .30c |
| White Multipliers..... | .45c |
| Yellow Multipliers or Shallots..... | .35c |
| Egyptian or Tree | .25c |

GARDEN-MAKING . . .

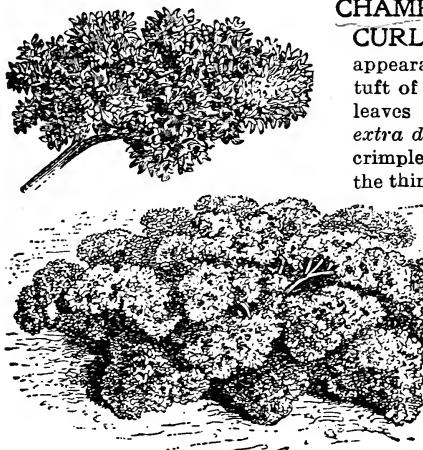
A book of reference and instruction for
the amateur as well as the skilled gardener.

It is full of valuable suggestions for the utilizing of the home garden, whether that garden be a city backyard or an inclosure of acres. Gives in simple language such information as every man or woman who buys a single packet of seed is in need of. No modern American work exists which covers this important field. Garden-Making is profusely illustrated. Price, \$1.00, postpaid.

Parsley.

PETERSILIE, Ger. PERSIL, Fr.
1 ounce will sow 150 feet of drill.

Soak the seeds a few hours in luke-warm water and sow early in spring in drills one foot apart. Thin out the plants to four inches. To preserve in winter transplant to a light cellar or glass frame. Used for garnishing and seasoning soups, meats, etc.



CHAMPION MOSS CURLLED PARSLEY.

FINE DOUBLE CURLLED. A curled variety having crimped leaves. It is used mostly for garnishing. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

PLAIN OR SINGLE. Plain leaves of excellent flavor. They are longer than those of the curled Parslies. Packet, 3c.; oz., 7c.; $\frac{1}{4}$ lb., 15c.; lb., 60c.

HAMBURG. The edible portion is the fleshy root. It is highly esteemed for flavoring soups, stews, etc. Packet, 5c.; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

PEAS.

ERBSEN, Ger. POIS, Fr.
1 quart will sow about 125 ft. of
drill. $1\frac{1}{2}$ bu. an acre.

be had far into the summer. Sow in drills two or three inches deep and from three to four feet apart, narrow for the dwarf and wide for the tall growing sorts. Dwarf growing peas require very rich soil and no support; tall growing varieties should be trained to wire trellises or supported by brush. If the soil is rich they will run too much to stalks. Wrinkled peas (marked *) contain a greater amount of saccharine matter than the smooth sorts.

Figures preceding description of varieties indicate height in inches.

Price for packet, pint or quart, includes postage. When sold over our counter or if forwarded by mail or express at buyer's expense. 8 cents per pint, 15 cents per quart may be deducted from our prices.

BARNARD'S The Earliest of the Earlies.

"LEADER." The records of another season have again shown that all the claims we made in former years for this very superior pea have been conclusively demonstrated.

It is the best variety for market gardeners to plant, and for home use we have yet to find a better. Grows about 30 inches high. Vines vigorous, extremely prolific, the pods being numerous and well filled with peas of good size and delicious flavor. A further good quality is that of ripening with great uniformity so that the vines can be stripped at one picking.

We have sold this pea in past seasons very extensively, and all who have grown it give it the highest praise. Try it this year. Pkt., 5c; pt., 20c; qt., 35c; pk., \$1.00; bu. \$4.00.

Parsnip.

PASTINAKE, Ger. PANAIIS, Fr.
1 ounce will sow about 150 feet of drill.

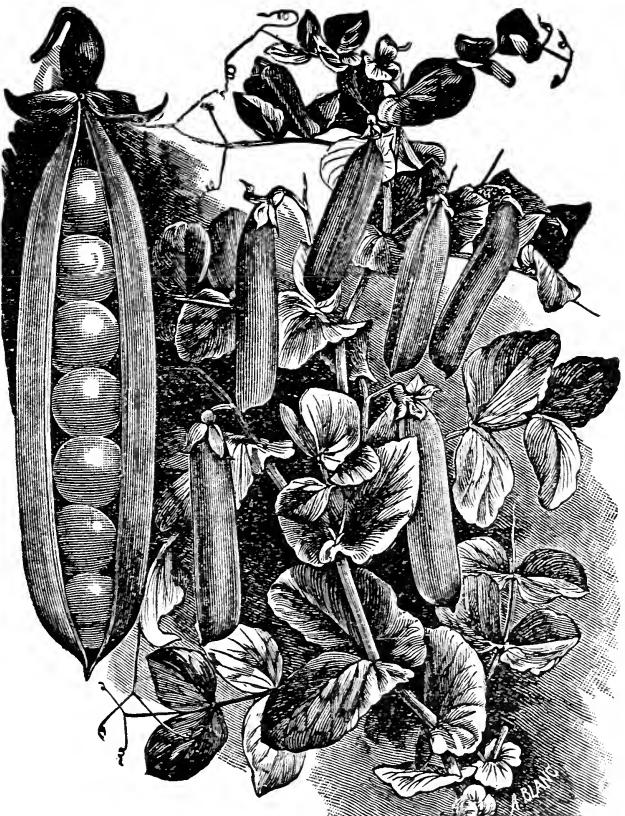
Cultivate as for Carrots. It is customary to leave Parsnips in the ground over winter as frost improves the quality of the roots. The Parsnip is valuable not only as a table vegetable but for stock feeding purposes also.

MAGNUM BONUM. It gives the utmost satisfaction and yields the most money to the market gardener because of its decidedly handsome appearance, smooth, heavy roots, which are broad at the shoulder, fine grained and of superior quality. Packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 55c.

HOLLOW CROWN. An old standard sort, long, sweet, and very productive. One of the best for general cultivation. Packet, 3c.; oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

IMPROVED GUERNSEY. This is a good, half-long variety, having smooth roots. It is of good quality and recommended for the family garden. Pkt., 3c.; oz., 7c.; $\frac{1}{4}$ lb., 15c.; lb., 45c.

EARLY ROUND. The earliest. Roots are of small size. Sometimes used for bunching with pot herbs. For shallow soils use this sort. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb. 50c.

MAGNUM BONUM
PARSNIP.

BARNARD'S LEADER.

ALASKA. 24 in. A desirable, very early pea for market gardeners. Pods dark green, peas blue. Can be shipped long distances without losing its color. Packet, 5c; pt., 20c; qt., 35c; pk., \$1.00; bu. \$4.00.

PEAS.—Continued.

Figures preceding description of varieties indicate height in inches.

Prices for packet, pint or quart include postage. When purchased over our counters or if forwarded by mail or express at buyer's expense, 8 cents per pint or 15 cents per quart may be deducted from our prices.



THE ADMIRAL.

***The Admiral.** 36 in. For second early market or family use we highly recommend this. Pods in pairs, thick, short, usually carrying six or more peas of best quality. Pkt., 5c; pt., 20c; qt., 35c; pk., 70c; bu., \$2.50.

EXTRA EARLY VARIETIES.

RURAL NEW YORKER. 30 inches. An excellent very early Pea. Pods of fine shape, containing from six to nine peas of fine quality. Pkt., 5c; pt., 20c; qt., 35c; pk., 90c; bu., \$3.50.

BLUE PETER. 12 in. Sometimes called Blue Tom Thumb. A great producer; fine quality. Quite early and dwarf. Pkt., 5c; pt., 20c; qt., 35c; pk., 90c; bu., \$3.50.

***PREMIUM GEM.** 15 in. This is an extra early dwarf sort, an improvement on Little Gem. Pods long, dark green. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.20; bu., \$4.50.

***MCLEAN'S LITTLE GEM.** 18 in. A few days later than First and Best. Matures in eight weeks. When in a green state, the peas are sweet and delicious. Pkt. 5c; pt. 20c; qt. 40c; pk. \$1.20; bu. \$4.50.

***AMERICAN WONDER.** 12 in. For many years deemed the earliest wrinkled pea in cultivation. Newer, improved varieties have taken from it this honor. In flavor, quality, and productiveness it has not been surpassed. Pkt. 5c; pt. 25c; qt. 40c; pk. \$1.40; bu. \$5.50.

PHILADELPHIA EXTRA EARLY. An extra early sort that is ready for the table in 45 days. A favorite market pea. Peas smooth and of excellent quality. Pkt. 5c; pt. 20c; qt. 35c; pk. 90c; bu. \$3.50.

THREE BEST PEAS FOR TABLE USE.

They may all be planted at the same time and will be ready for use in succession and furnish an abundance of delicious Peas all summer.

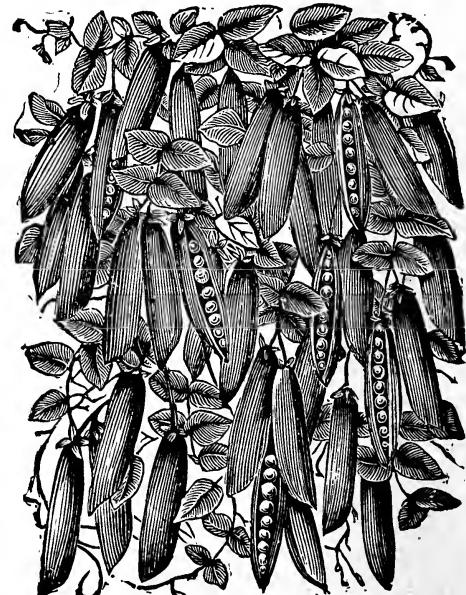
***NOTT'S EXCELSIOR.** 15 in. The earliest and best dwarf wrinkled pea. Fast taking the place of American Wonder. It is fully as early, while the pods are larger, more of them and better filled. The Peas are tender and of most delicious flavor when cooked. Pkt., 10c; pt., 25c; qt., 40c; peck \$1.40; bu. \$5.50;

***HEROINE.** 30 in. The quality of this pea is simply perfection. That rich, buttery, marrow-like flavor for which the peas grown in the gardens of old England are celebrated. Pods are large, pointed and heavy, deep green in color, and contain from seven to eight Peas. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.10; bu., \$4.00.

***DUKE OF ALBANY.** 50 in. Along with a number of other new Peas, this was tested on our home grounds. It is a strong grower, foliage somewhat coarse. Matures late, about the same time as Telephone. Pods are long, large, thick, dark green in color. The peas remained in good eating condition some days after ripening. We consider this an excellent pea. Pkt., 5c.; pt., 20c; qt., 40c; pk., \$1.10; bu., \$4.25.

SPECIAL OFFER: One pint of each of the three Peas described above for 50c postpaid. One quart each of the three Peas described above for 90c postpaid. You should try them. They will not disappoint you.

***SHROPSHIRE HERO.** 36 in. Market gardeners who tried this new pea last season give it unstinted praise. The pods are larger and better filled than Telephone and others of its class; averages seven and often contains 9 or 10 peas of delightful flavor. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.00; bu., \$3.75.



FIRST AND BEST. 30 in. An extremely early Pea; a stocky and vigorous grower. Each vine bears from three to five pods which mature well together. Pkt., 5c; pt., 20c; qt., 35c; pk., 90c; bu. \$3.50.

PEAS—For General Crop

HORSFORD'S MARKET GARDEN. 24 in. An enormous yielder, the pods literally packed with peas. Requires no bushing. Packet, 5c; pt., 20c; qt., 40c; pk., \$1.00; bu., \$4.00.

***MCLEAN'S ADVANCER.** 30 in. A favorite with market gardeners and for home use. Long pods, well filled. Packet, 5c; pt., 20c; qt. 40c; pk. \$1.00; bu. \$4.00.

***ABUNDANCE.** 18 in. Of branching habit. It is appropriately named for its yielding qualities. Comes into bearing after American Wonder. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.00; bu., \$4.00.

***EVERBEARING.** 24 in. Late. Should be sown thin. Makes long pods and large peas. Pkt., 5c; pint, 20c; qt., 40c; pk., \$1.00; bu., \$4.00.

QUEEN. 30 in. A grand pea introduced a year or two ago from England. It follows Heroine in its bearing season. Pods quite large; peas oval, dark green and of a delicious flavor when cooked. Packet, 5c; pt., 20c; qt., 40c; pk., \$1.15; bu., \$4.25.

ROYAL DWARF WHITE MARROWFAT. 24 in. A large, delicious marrow pea; an excellent bearer and a favorite with market gardeners. Packet, 5c; pt., 20c; qt., 35c; pk., 65c; bu., \$2.50.

***PRIDE OF THE MARKET.** 24 in. Most wonderfully productive and extensively planted by market gardeners. Pods long, generally in pairs, dark green; peas round, blue, and of fine flavor. Pkt., 5c; pint, 25c; qt., 50c; pk., \$1.35; bu., \$5.00.

EDIBLE PODDED PEA.

DWARF SUGAR. Pods tender and succulent, in flavor equal to the best string beans. They are gathered while young, not shelled, but boiled whole. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.40; bu., \$5.00.

PEPPER.

PFEFFER, Ger.
PIMENT, Fr.

1 oz. seed to 1500 plants.

Peppers are more tender than most vegetables. The seed should be sown in a hotbed, cold frame or if no other convenience, a box in the window and transplanted about the last of May. They can be sown in the open ground when the weather becomes warm and settled. Warm, mellow soil, well fertilized, should be used.

GOLDEN DAWN. Resembles Bull Nose in shape. Color is a beautiful yellow, making a handsome appearance both in growth and on the table. Mild and sweet. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; lb., \$2.00.

CHERRY RED. A small, smooth, round variety of dwarf growth. Fruit at maturity glossy scarlet. Packet, 5c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.50.

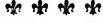
***CHAMPION OF ENGLAND.** 55 in. Generally conceded to be the best late tall pea. It is a profuse bearer and the peas are of excellent quality. Adapted to the requirements of both amateur and professional gardeners. Pkt., 5c; pt., 20c; qt., 35c; 90c; bu., \$3.25.

Telephone.

48 in. No pea of recent introduction has gained more steadily in popularity than this. Leaves coarse; vines extremely vigorous, carrying ten or a dozen pods each. Pods very large, well filled with peas of delicious flavor. We offer carefully selected stock. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.25; bu., \$4.50.

LONG ISLAND MAMMOTH. 42 in. Earlier than Champion of England; an excellent cropper. Pods large size and well filled with green peas of excellent quality. Popular with eastern truckers and market gardeners. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.25; bu., \$1.50.

LARGE BLACK-EYED MARROW-FAT. 60 in. This, like the preceding, is extensively grown as a field crop. Pkt., 5c; pt., 20c; qt., 35c; pk., 65c; bu., \$2.50.

**TWO NEW PEAS****GRADUS.**

Of a new family of Extra Early Wrinkled Peas.

DWARF TELEPHONE,
Unsurpassed for family gardens.
See novelty pages for descriptions.

FIELD PEAS.

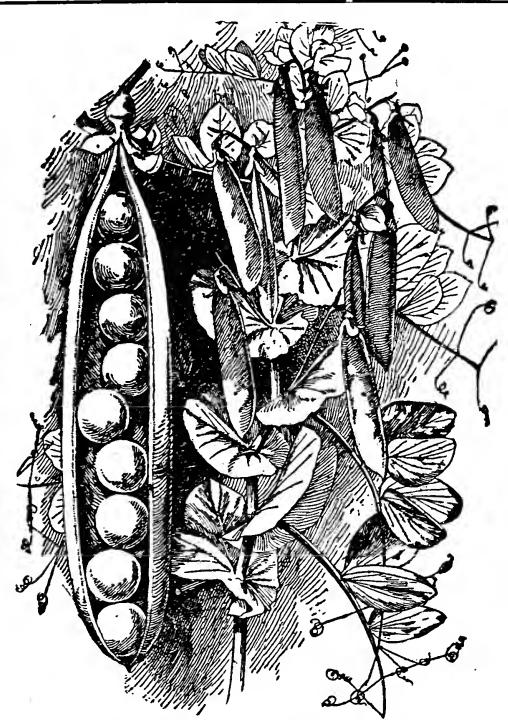
Field, Golden Vine, Common Blue, and will quote prices for larger quantities than here named, on application. Pkt., 5c; pt., 15c; qt., 25c., postpaid.

SWEET MOUNTAIN. Fruit very large, long, often eight inches or more in length, skin smooth, green when young and rich at maturity. Flesh thick, sweet and mild. This sort is much in use to stuff for mangoes. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; lb., \$2.00.

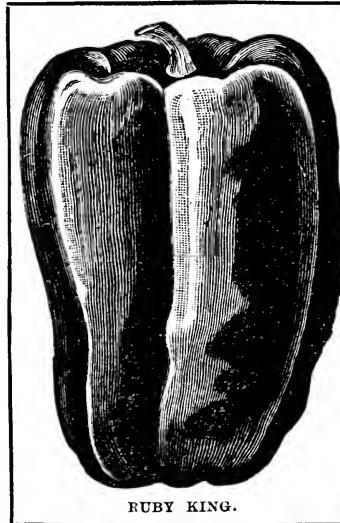
LARGE BELL or BULL NOSE. Much esteemed for making chopped pickles. One of the earliest varieties. Flesh thick and hard, and not so pungent as some others. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; lb., \$2.00.

RUBY KING. The mildest pepper in our list. Grows from four to six inches in length by three to four inches in diameter. Color, bright and ruby red. Good for stuffed pickles. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; lb., \$2.00.

CAYENNE. Used for pickles and making pepper sauce. Pods cone-shaped, small, red, very pungent. Packet, 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; lb., \$2.00.

**IMPROVED STRATAGEM.**

FOR a main crop, wrinkled pea it is difficult to find a better one than this. **A grand market gardener's Pea.** This strain is a great improvement on the old Stratagem. The pods are of immense size and uniformly filled with very large dark green peas of the finest quality. Vines in height about 24 inches, very stocky, with very broad, light green leaves, and bearing an abundance of large, handsome pods. The best pea now on the market for those who want large, showy pods and peas of the best quality. Packet, 5c; pt., 20c; qt., 40c; pk. \$1.10; bu. \$4.25.

**RUBY KING.**

POTATOES FOR SEED.

A CHANGE OF SEED
ALWAYS PAYS.

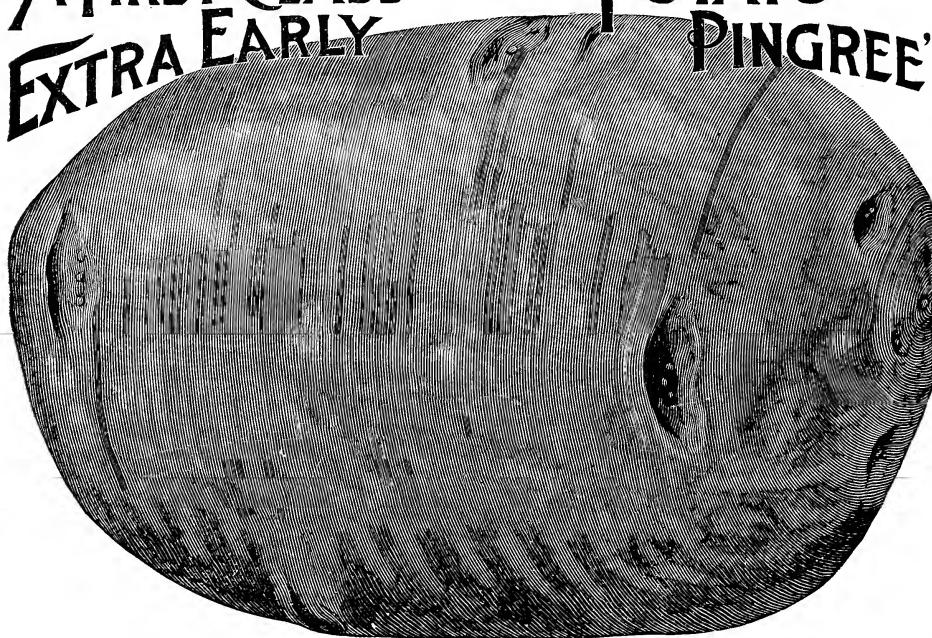
In drills 3 ft. apart, 10 to 12 bushels to the acre. 1 peck will plant about 125 hills.

WUR seed potatoes for this season are some of the finest tubers ever produced. They are "Northern Grown" by expert cultivators, and have been selected for quality with the greatest care. The tubers are large, smooth, and free from disease. Our revised list contains the cream only. Inferior sorts are eliminated. At prices quoted, potatoes are forwarded by express or freight as directed. We make no charge for sacks or barrels, nor for cartage to depots. The purchaser pays transportation charges and assumes risk of heating or freezing. Freight on one bushel will be no more than on one peck.

Small quantities by mail or express prepaid, unless otherwise noted,.....lb. 25c; 3 lbs. 60c.

A FIRST CLASS
EXTRA EARLY

"POTATO
PINGREE"



EARLY SIX WEEKS.

Without exception the earliest Potato in existence.

MEDIUM size, smooth, oblong; skin pink, flesh white, tubers grow close together in the hill, and grow so rapidly that under favorable circumstances they are fit for family use *in six weeks from the time of planting*, and mature in ten or eleven weeks. We call this a good potato, and can confidently recommend it for the market or home garden. Pk. 40c; bu. \$1.00; bbl. \$2.75.

RURAL NEW YORKER No. 2.

CHIS is a medium, second early potato which is now well and favorably known the country over, as a large yielder and of excellent quality. A profitable variety to raise, as it is quoted in all leading markets.

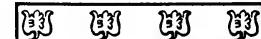
Tubers nearly round, flattened, with very smooth, pure white skin, always attractive in appearance. One of the very best varieties now in cultivation. Pk. 40c; bu. \$1.00; bbl. \$2.75.

PINGREE
Combines
Extra Earliness,
Good Size,
Beautiful Form,
Table Qualities,
and Productiveness.

THE PINGREE is a Michigan seedling, named in honor of the ex-governor of that State. This potato is AN EXTRA EARLY and a great yielder. Tubers are round and regular in form, with shallow eyes, white skin somewhat netted. They grow closely together in the hill and attain an edible size in a remarkably short time. Quality first-class, cooking up dry, white, and mealy. Pk. 50c; bu. \$1.25; bbl. \$3.50.

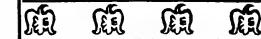
CARMAN No. 1.

IT is intermediate in ripening, and resembles the Rural New Yorker No. 2 in shape, and also in having very few and shallow eyes. The flesh is white and quality perfect. An enormous producer of very large and handsome tubers. Pk. 40c; bu. \$1.00; bbl. \$2.75.



SOME FARMERS plant any kind of potatoes on soil of any quality, and harvest the crop. Unprofitable results may be traced to lack of care, cultivation, and most generally the use of worn-out stock seed.

The best fertilizers are plaster, lime, superphosphate of lime, and bone meal.



EXTRA EARLY OHIO.

STANDARD extra early Potato, maturing two weeks ahead of the Early Rose. A special favorite with marketmen, and the most profitable sort they can grow. It gives satisfaction in all parts of the country. The tubers are much smoother and of better shape than the Early Ohio. They are smooth, free from scab, and grow compactly in the hill; are easily dug; very few small ones, almost every one being of marketable size.

Pk. 35c; bu. \$1.00; bbl. \$2.75.

CARMAN No. 3.

DOUBTLESS the most popular late potato of the newer varieties. It yields great crops of fine, large, smooth potatoes, even under the most unfavorable circumstances, and can be relied upon to bring in money. Its good appearance, uniformity of shape, size (average one pound each), and productiveness make this a leading variety to grow for market. It has but few eyes, and they are very shallow. The skin and flesh are extremely white, no hollow or dark parts. Cooks up dry and mealy every time. Peck 50c; bu. \$1.00; bbl. \$2.75.

POTATOES FOR GENERAL CROP.—Continued.

Sir Walter

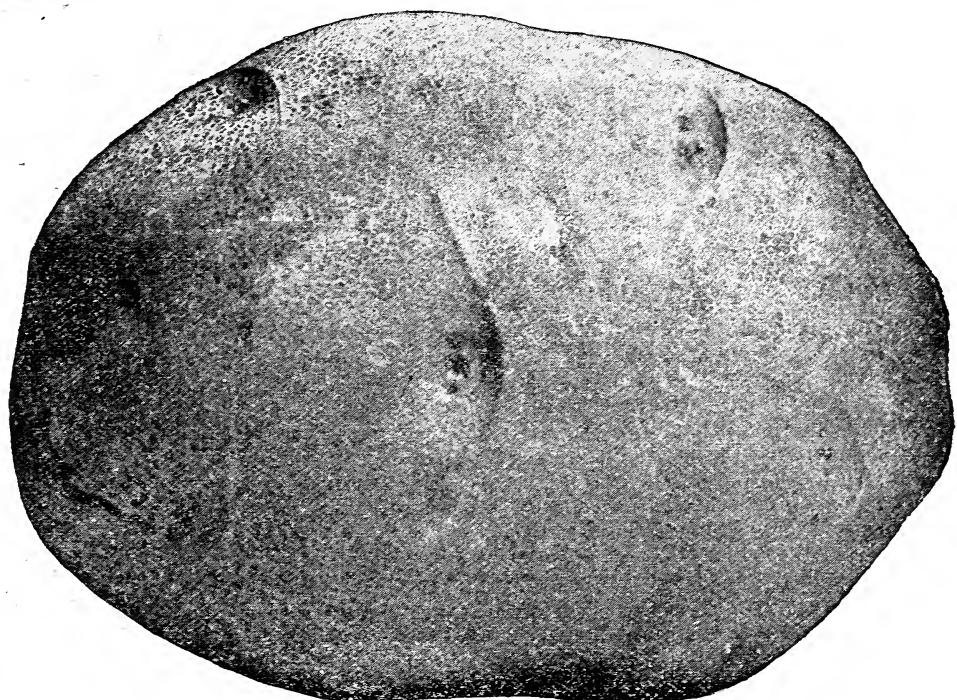
Raleigh.

Illustrated on back cover
of this book.

A Grand New

MAINCROP POTATO.

It closely resembles its parent Rural New Yorker No. 2, but is more uniform and yields practically no small tubers, every one being marketable. It is from 4 to 6 days later than R. N. Y.; the color of the skin is the same but the flesh is whiter and of better quality. Pkt. 50c; bu. \$1.25; bbl. \$3.50.



SIR WALTER RALEIGH.

Seed Sweet Potatoes.

Choice stock grown and handled expressly
for seed purposes.

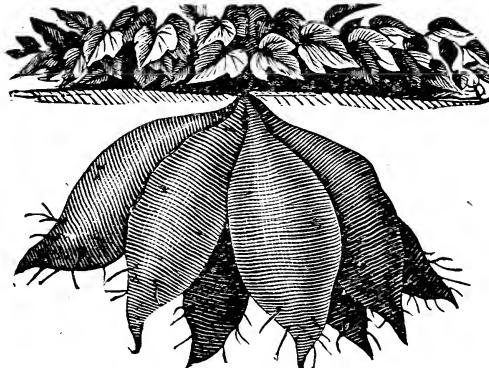
Please order early giving date you wish them shipped.
Unless specially ordered to do so we do not ship until plant-
ing time.

We pack Seed Sweet Potatoes for shipment in boxes and barrels with greatest care but as Sweet Potatoes are very susceptible to climatic changes we assume no responsibility for their condition after leaving our hands.

The following are kept in stock:

YELLOW NANSEMOND, **YELLOW JERSEY,**
RED BERMUDA.

Any of the above, packed carefully in boxes or barrels,
Pkt., 50c; bu., \$1.50; bbl., \$3.50.



SWEET POTATO PLANTS.

We can supply these in their season in any desired quantity. For prices on these and any other vegetable plants see end of Vegetable seedlist.

For large quantities special quotations will be given on application.

...PUMPKIN...

KUERBIS, Ger. POTIRON, Fr.
1 oz. to 15 hills; 4 to 6 lbs. to an acre.

The seeds are planted with corn or potatoes, but may be profitably raised in fields by themselves. Sow early in May in hills eight feet apart. For monster Pumpkins for exhibition purposes plant Mammoth Tours in very rich ground and feed liberally with liquid manure.

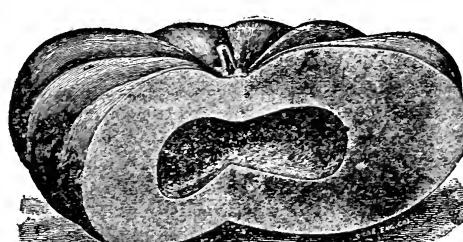
JAPANESE PIE PUMPKIN. Seeds peculiarly sculptured. Ripens early. Flesh thick; salmon colored; fine grained, dry and sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

CALHOUN. Color outside is yellowish-brown, flesh salmon yellow, flesh thick and of splendid quality. Pies made from it are delicious to eat. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

CONNECTICUT FIELD. Oz., 5c; $\frac{1}{4}$ lb., 10c; lb., 25c.

LARGE CHEESE. Its fine flesh and rich color make it valuable for table use. One of the best field pumpkins. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

THANKSGIVING. A new Pumpkin of distinct shape and very thick, orange colored flesh. This pumpkin grows to a large size yet the seed cavity is remarkably small. It makes first-class pies for the Thanksgiving dinner. Packet, 5c;



THANKSGIVING PUMPKIN.

WINTER LUXURY. As a cooking variety and winter keeper it stands unequalled. It is nearly round, 9 to 10 inches in diameter; of a golden yellow color, netted like a muskmelon. Pkt., 5c., oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

TENNESSEE SWEET POTATO. Pear shaped. Color of skin and flesh creamy white; flesh thick, when cooked resembles sweet potatoes. Keeps until late in spring. This is an old favorite pumpkin. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

SUGAR. An excellent small, round Pumpkin, with deep orange colored skin, flesh sweet and sugary. Pkt., 5c.; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c.

MAMMOTH TOURS. Grown chiefly for exhibition purposes and for stock feed. It grows to an enormous size, frequently weighing over one hundred pounds. Skin salmon color, flesh yellow; keeps a long time. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., \$1.00.

..RADISH..

RETTIG, Ger.
RADIS, Fr.

1 oz. to 100 ft. of drill; 9 or 10 lbs. per acre in drills.

The growth must be rapid to insure those qualities upon which the Radish depends for excellence, viz.: crispness, succulence and mildness of flavor. A fine, dry, sandy loam, enriched and made light with well-rotted manure and a liberal dressing of salt is best adapted for the purpose, all heavy soils producing directly the opposite results from those desired.

For an early supply sow in a hot bed in February, care being taken to give abundant ventilation to prevent running to leaves. For open air culture and succession, sow from middle of March until September at intervals of a week or ten days.

EARLY SCARLET TURNIP, White Tipped, Forcing Strain.

THIS Radish, beautiful in form and of handsome appearance, is extremely early, being ready for use in two or three weeks after planting. On account of its small tops this radish can be grown planted very closely together. Desirable for hot bed and greenhouse planting. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

EARLY SCARLET TURNIP, White Tipped. Among the Chicago gardeners this is by far the most popular early Radish, or for planting in succession. Tops and roots both small, skin bright scarlet shaded to white at the tip; flesh white, mild and crisp. An ornamental variety of quick growth, desirable for forcing. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

EARLY SCARLET TURNIP. A round, deep scarlet variety, desirable for general use. Flesh white, mild and crisp when young. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

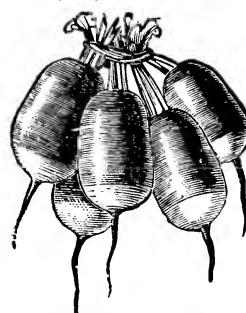
EARLY WHITE TURNIP. Same as above, except in color. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

WOOD'S EARLY FRAME. Fully ten days earlier than Long Scarlet, shape not quite so long. An excellent forcing or early market sort. Color, scarlet; fine flavor. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

LONG SCARLET, SHORT TOP, Improved. The standard sort for out-door culture in private gardens and for market. Root 6 to 9 inches in length, straight and smooth, growing half out of the ground. Color is brilliant scarlet. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

NE PLUS ULTRA. A very superior early, forcing Radish. It will mature in 18 to 20 days. The tops are quite small, the roots are globular with deep red skin; flesh white, crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

EARLY YELLOW TURNIP. A most delicious radish. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.



FRENCH BREAKFAST.

1 oz. to 100 ft. of drill; 9 or 10 lbs. per acre in drills.

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Lawn and Garden

RADISH—Continued.

PHILADELPHIA WHITE BOX. A white turnip-shaped radish of extra fine quality. Its short top and rapid growth make it most suitable for growing under glass, in frames or boxes, as well as for early sowing in the open ground. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

BRIGHTEST LONG SCARLET, or Cardinal. This fine French variety is of strikingly beautiful appearance. Color, vivid scarlet tipped with white, and for so long a radish is *very early*, being fit for use in twenty-five days after sowing the seed. Excellent for the home garden and especially desirable for market. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

IMPROVED CHARTIER. A long and unusually large American sort, which is one of the very best for outdoor sowing. Roots bright crimson in upper portion, shading into white at the tip. Comes in quite early, remaining crisp and mild much longer than many others. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

LONG WHITE VIENNA, or Lady Finger. Straight, smooth, white roots; fine grained, white flesh; tender, crisp and juicy. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

GIANT WHITE STUTTGART. Root very large, heart-shaped, and of vigorous, quick growth, maturing in five weeks; skin and flesh white, the latter constantly brittle and mild flavored at all stages of development. Remarkably slow in running to seed, even in severest heat. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

WHITE STRASBURG. This variety is now the **most popular summer** radish grown. Of handsome oblong shape, tapering beautifully to a point. Both skin and flesh are pure white, almost transparent, very tender, and of a delightful, pungent taste. It can be pulled five weeks from time of sowing the seed, yet it will continue to grow without losing its fine quality, and remains in a tender condition longer than any other summer sort. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

...RHUBARB...

A deep, rich soil is most suitable for Rhubarb. It is usually propagated from divisions of the roots. Seed may be sown in drills an inch deep, the young plants being afterwards thinned out to six inches apart. In fall, reset the young plants into highly manured, deeply dug soil. Do not cut the leaf stalks until the second year, and never allow the plants to run to seed.

VICTORIA. Leaf stalks very tall and large, frequently weighing 2 pounds each. Skin thick and red-stained. Pulp quite acid. Very productive and profitable for market gardeners. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

LINNÆUS. The earliest variety grown, and quite desirable for small market or family garden. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

RHUBARB ROOTS.

Set out in spring they will furnish leaf stalks the following season. We offer the largest variety only. Small roots, each 10c; doz., \$1.00, by mail postpaid. Extra large clumps by express or freight, each 15c; doz., \$1.50, not prepaid.



YELLOW SUMMER TURNIP. Very symmetrical and uniform; nearly round, with grayish-white skin, covered with a bright yellow russeting, which makes it very attractive. The flesh is compact, white and rather pungent. Quite popular with some growers. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

ROSE, OLIVE SHAPED. Skin rose-colored; flesh rose-tinted, tender and of excellent flavor. Very early. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

WHITE, OLIVE SHAPED. Similar to above, except in color, as the name indicates. Packet, 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

Winter Radishes.

Sow about the same time as winter turnips, on light, rich soil, in drills eighteen inches apart; give frequent cultivation, and thin two to six inches apart, according to size of the variety. For winter use pull before severe frost, and store in damp sand in cellar.

CHINESE WHITE. A long, white radish, introduced into this country by the Chinese in California. Flesh tender and crisp. Keeps well throughout the winter. Packet, 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

CHINESE ROSE. Skin very smooth and of a bright rose color. Flesh firm, crisp and pungent. Packet, 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

LONG BLACK SPANISH. Black skin. Flesh white, firm and of excellent flavor. One of the hardest and finest either for winter or summer use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

ROUND BLACK SPANISH. Similar to above except in form. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

SUNFLOWER, Mammoth Russian.

The Giant of all Sunflowers.

Growing to double the size of the common sunflower, and the yield of seed is twice as great. One hundred and twenty-five bushels to the acre have been grown at less expense than corn. Highly recommended for poultry; the best egg-producing food known. Lb., 20c, postpaid; not prepaid, 5 lbs., 50c; 10 lbs. 80c.

...SALSIFY...

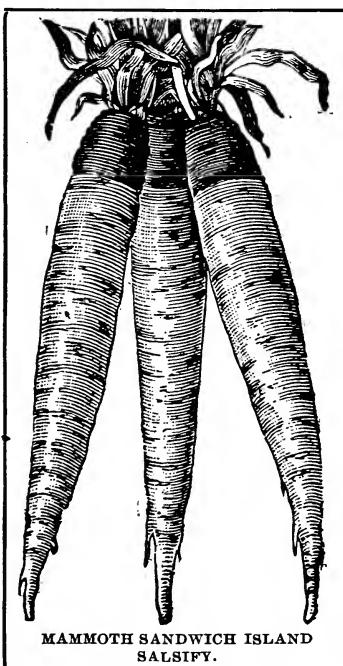
or VEGETABLE OYSTER.

HAFERWURZEL, Ger. **SALSIFIS, Fr.**
1 oz. for 100 ft. of drill.

Cultivated chiefly for its parsnip-shaped roots, which have an oyster-like flavor and prove relishable prepared in various ways, as for soups, salads, etc., or simply boiled and served plain. The young flower stalks of the second year form an excellent dish prepared as asparagus, which they closely resemble in flavor.

Soil and culture should be the same as for Parsnips, taking pains to make sowings as early as practicable each spring.

MAMMOTH SANDWICH ISLAND. A new and improved type, producing roots of nearly double the size and weight of the old variety, and of equally good quality. It has been extensively grown for the markets of many of the large cities, entirely superseding the old sort. Packet, 5c; oz., 10; $\frac{1}{4}$ lb., 30c; lb., \$1.10.



SPINACH.

1 oz. for 100 feet of drill.
10 to 12 lbs. in drills per acre.

Sow for main crop in September, either broadcast or in drills one foot apart and one inch deep, in rich soil; the stronger the ground the more delicate and succulent will be the leaves. Protect during the winter with hay or straw. For spring and summer use, sow as soon as the ground can be worked, and every two weeks for succession. Makes delicious greens.

Write for special prices on large quantities.

BLOOMSDALE or **Savoy Leaved**. Of upright growth; leaves curled and crimped, thick and fleshy. Keeps well after cutting. Suitable for fall sowing. Oz., 5c; $\frac{1}{4}$ lb., 10c; lb., 35c.

LONG STANDING. Leaves dark green and thick. Not inclined to run to seed for a long time. Very popular with market gardeners. Oz., 5c; $\frac{1}{4}$ lb., 10c; lb., 35c.

THICK LEAVED ROUND. One of the best market sorts for spring or autumn sowing. Oz., 5c; $\frac{1}{4}$ lb., 10c; lb., 35c.



LONG STANDING SPINACH.

PRICKLY WINTER. Use for fall sowing as it is extremely hardy. Seeds prickly, leaves not so large as those of other varieties. Oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 35c.

VICTORIA. Matures later than other sorts. Leaves broad and thick, very dark green, almost black. Whether grown for market or in the family garden it is sure to please. Oz., 5c; $\frac{1}{4}$ lb., 15c.; lb., 40c.

SQUASH.

SPEISE KURBIS, Ger. COWEGE, Fr.
1 oz. for 50 hills, 4 to 6 lbs. per acre.

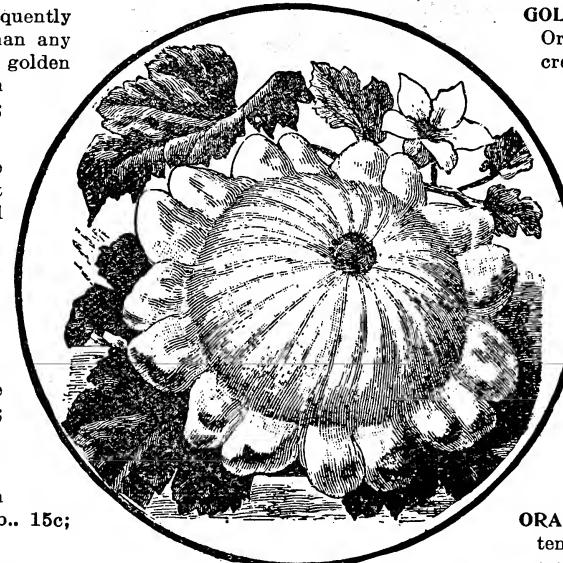
GOLDEN CUSTARD. Grows frequently two feet in diameter, larger than any of the scalloped sorts. Rich golden yellow. It grows in bush form. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

SILVER CUSTARD. Not quite so large as the foregoing. It is a delicate white color, and the quality of both sorts is of finest grade. Packet, 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

WHITE BUSH, Scalloped. This and the Yellow Bush, scalloped, are grown for first crop. Its hard rind makes it valuable for shipping. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

YELLOW BUSH, Scalloped. Differs from the white only in color. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

Chicago Warty Hubbard Squash. This fine form of the Hubbard is a favorite one with many market men. It is striking in appearance and the warty knobs draw general attention. Having been selected for years by a Chicago gardener, it now combines all the good points of the original Hubbard, with rougher, harder warted shell, improved quality, thick flesh, finer color, stronger constitution. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.



WHITE BUSH SQUASH.

handsome appearance, and keeps a long time. In great demand by Chicago pie bakers, who prefer it to all others. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

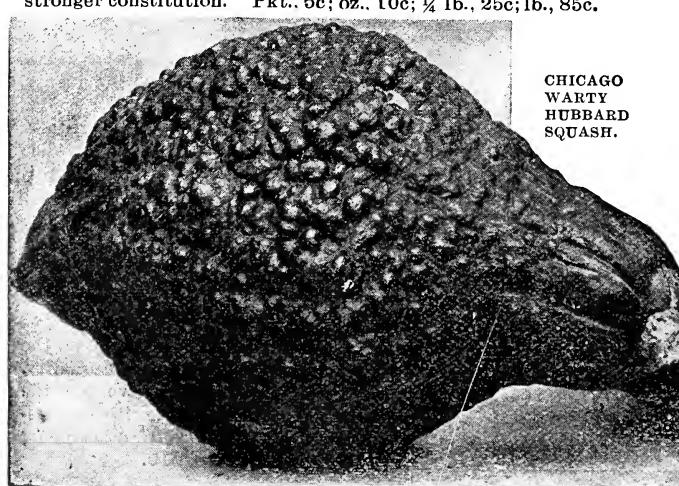
SIBLEY. One of the earliest and best of fall squashes. Pear shaped with stem on large end; flesh orange color, thick and fine grained. An excellent shipper and a long keeper. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

BOSTON MARROW. Oval form. Flesh, salmon yellow, dry grained and sweet. A splendid pie and table squash. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50.

ESSEX HYBRID. *Ripens early*. Cylinder form. Flesh solid, rich, orange colored. Can be planted after early peas or potatoes. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

HUBBARD. Regarded as the standard winter squash. Very hard shell; excellent keeper, the best for table use. Flesh dark yellow, fine grained, dry and sweet. Our seed is most carefully selected and will give satisfaction. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

GOLDEN HUBBARD. Identical in form and quality with the well known Hubbard, except that the skin is a beautiful deep orange-yellow. Flesh fine grained and of excellent flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 75c.



CHICAGO
WARTY
HUBBARD
SQUASH.

TOMATO.

LIEBESAPFEL, GER.

TOMATE, FR.

1 oz. to 1500 plants; $\frac{1}{4}$ lb. to transplant per acre.

It thrives best in light, warm soil, not too highly enriched, and depends for highest excellence upon vigorous, unchecked growth in the early stages.

CULTURE. For early crops sow in hotbed, greenhouse, or inside the window or sitting room, where the temperature does not fall below 65 degrees, in February or March; transplanting—to secure stockiness—when three inches high, to pots, cold frames, or other parts of the bed, and about five inches apart. After all danger of frost is over, transplant finally to open ground, 4 to 6 feet apart, according to variety used. Earliness may be promoted by pruning off excessive growth.

Fordhook First. A smooth, solid Tomato, red and purple, of handsome appearance. It is extremely early, ready to market nearly as soon as the old-time, unshapely fruited sorts. Medium size, tough skin, almost no core. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.

ACME. Improved Strain. Ripens early; of medium, uniform size; glossy red with purplish tinge; round and smooth, free from cracks. An excellent Tomato for market gardeners' use, as it ships well. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

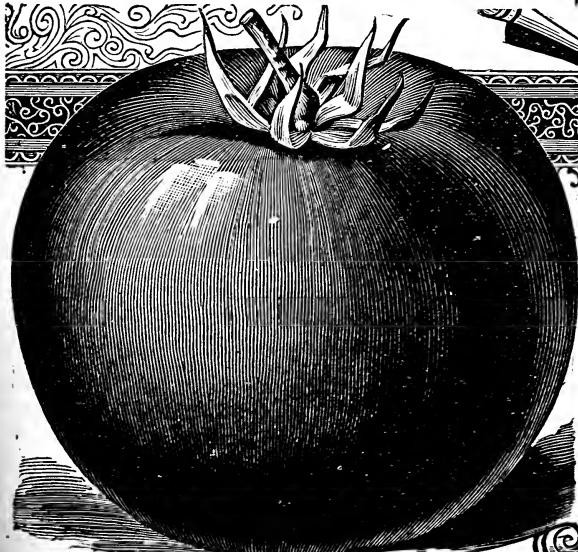
IMPROVED BEAUTY. A favorite both for the home market or shipping purposes. Medium early. Fruit round, smooth, crimson, with purplish tinge. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

BUCKEYE STATE. The tomatoes are borne in immense clusters of four to eight fruits, and, occasionally, ten large fruits have been found on a single cluster. In time of ripening, it matures about with the "Stone." In solidity and meatiness, it has no equal, while in luscious quality none surpass it. The color is much the same as "Beauty," but of a somewhat darker and richer shade. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

ROYAL RED. Very bright scarlet. Valuable for canners. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; b., \$1.75.

DWARF CHAMPION. Dwarf and compact in growth, the plants grow stiff and upright, with foliage unlike most others. Fruit in form and color like Acme. Recommended for the home garden. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

GOLDEN QUEEN. A real good yellow sort of *first rate quality*. On the table the golden yellow slices make a beautiful contrast with the red sorts. Makes splendid preserves. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.



BEAUTY TOMATO.



RED CURRANT.

ATLANTIC PRIZE.

We do not hesitate to pronounce it the largest, smoothest, best flavored and brightest colored *earliest Tomato*. Vine medium size, with few leaves, very hardy bearing the fruit low down on the stem and in enormous clusters, which ripen altogether. Those whose trade demands that they have a large, smooth, good flavored, *very early fruit*, will find this variety to be just what they want. The seed we offer is carefully selected. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

CRIMSON CUSHION. This splendid new Tomato is more symmetrical in shape than the Ponderosa, and is much thicker through from stem to "blossom end;" in fact, so marked is this characteristic that it is frequently almost round. The color is brilliant scarlet crimson, untinged with purple, and ripens up almost completely to the stem. The "Crimson Cushion," like the Ponderosa, is almost seedless, requiring from 10 to 12 bushels of ripe fruit to produce one pound of seed. It is early for so large a Tomato and a prolific bearer. Flesh firm, meaty and of a superb quality. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

PARAGON. The first improved Tomato introduced and today there are many gardeners, canners and catsup makers who give this variety preference over all others. Ripens between the early and late sorts; fruit round as an apple, rich crimson, solid; an immense cropper. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

PERFECTION. An improved Acme, with *blood red* skin, making it a valuable canning sort. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

ONDEROSA or No. 400. Handsome in appearance, smooth, of a dark, rich crimson color, and a delicious sub-acid flavor. Solid, almost seedless. Fruits somewhat rough; excellent for stewing. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 80c; lb., \$3.25.

STONE. One of the extra large fruited sorts, solid and firm-fleshed as its name indicates. Smooth, ripening to the stem without a crack; color, bright scarlet, fine for canning; quality, the very best. It is popular everywhere; no one finds any fault with Stone. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

FREE TOMATO. So called from growing in tree like form and bearing large, plump red fruit that is extremely solid, hard and of excellent quality. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$3.00.

SMALL-FRUITED TOMATOES.

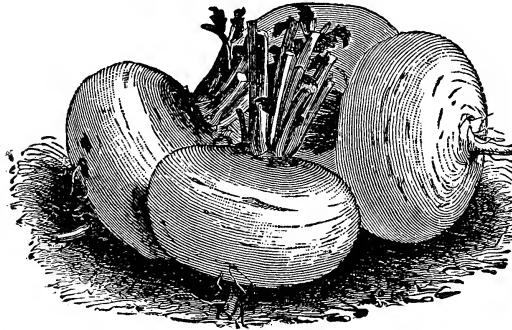
Yellow Plum, Red Currant and Red Cherry. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25.

TURNIP.

WEISZE RUEBEN, Ger.

NAVET, Fr.

1 oz. for 150 ft. of drill; 1 to 2 lbs. in drills per acre.

 $\frac{1}{2}$ inch deep, and when of sufficient size thin the roots to 5 or 6 inches distant. For succession, sow at intervals of a fortnight. Sow if possible just before a rain.

WHITE FLAT DUTCH.

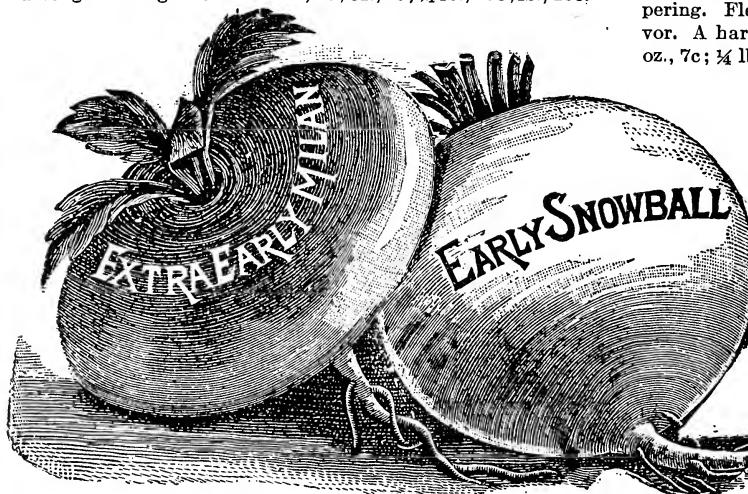
EXTRA EARLY PURPLE TOP MILAN. A splendid new strap-leaved variety that is ready for use fully two weeks earlier than the Purple Top Strap-leaved, and one week ahead of the Purple Top Munich. The bulb is of medium size, quite flat, smooth and has a bright, fresh purple top. The flesh is pure white, solid, fine-grained and of the choicest quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 70c.

PRIZE PURPLE TOP STRAP LEAF. Tops small, bulb mostly above ground, of medium size and flat. Skin white below the surface and clear, bright purple above. Flesh white, sugary and remarkably well flavored. Very early, hardy and prolific. The leading standard, purely American variety. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 40c.

WHITE STRAP LEAF. A sub variety of the Purple Top Strap Leaf, from which it differs mainly in the coloring of the skin. Early, productive, of excellent quality and recommended for either field or garden culture. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 45c.

POMERANIAN WHITE GLOBE. A large and most perfect globe in shape; skin white and smooth. Of strong growth and one of the most productive varieties. Valuable for both table and stock. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

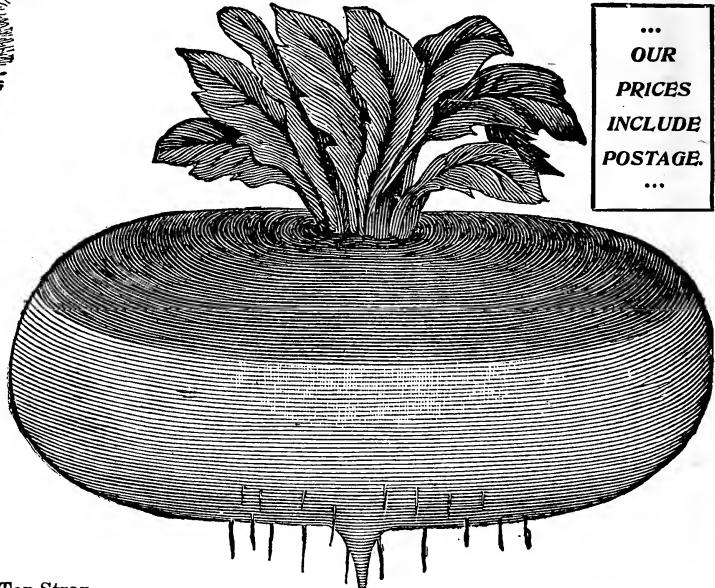
PURPLE TOP WHITE GLOBE. The name of this most excellent variety affords for it a very accurate description. It is an early and a heavy cropper as well as a good keeper. The bulb is a very handsome globe, and is especially in demand among market gardeners. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 40c.



The best soil is a *new* light, rich loam, entirely free from fresh manure. Sowing for summer use should be made very early in the spring; for fall or main crop from middle of July to middle of August. The small varieties may be sown broadcast if the ground be free from weeds. In the case of the large sorts, however, greater yields and better results in every way will be derived from drill sowing. Make drills 14 inches apart. For succession, sow at intervals of a fortnight. Sow if possible just before a rain.

TURNIPS, MANGELS and CARROTS are much relished by all farm stock.

WHITE EGG. Tops small and rough-leaved. Bulb oblong and produced mostly out of ground. Skin pure white and perfectly smooth. Flesh firm, sweet and mild. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.



...
OUR
PRICES
INCLUDE
POSTAGE.
...

PRIZE PURPLE TOP STRAP LEAF.

EARLY WHITE FLAT DUTCH. Bulb of medium size and flat. Skin pure white. One of the surest croppers of the early garden sorts. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 45c.

WHITE SIX WEEKS OR SNOWBALL. Bulb of medium size and spherical. Skin white and smooth. Immature flesh, fine-grained, tender and sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

WHITE FLAT NORFOLK. Bulb round, flat. Flesh white, sweet and excellent for stock feeding. A late variety, often attaining extraordinary size. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 40c.

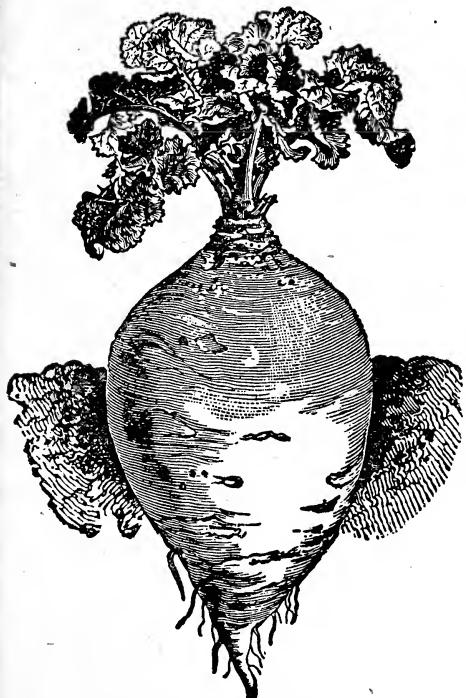
PURPLE TOP YELLOW ABERDEEN. Root round and tapering. Flesh pale yellow, tender, sugary and of superior flavor. A hardy and productive standard variety. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 45c.

RUTA BAGA.

KOHLRABI, Ger.

CHOU NAVET, Fr.

The Swedes are really preferable for stock feeding, on account of their superior nutritive as well as better keeping qualities. Some of the finest are desirable and popular for table use also. The ground should be dry and thoroughly enriched. The sowing at the North may be made from the middle of June to the middle of July; at the South in the fall. Space the drills 20 inches apart, and thin 10 to 12 inches distant. For preservation the roots may be packed in barrels in the cellar and covered with sand or turf, or placed in pits, underneath a thick coating of dry straw, the whole earthed over to a depth of some 10 in.



WHITE SWEET RUSSIAN.

TURNIP, Ruta Baga or Swede.

AMERICAN PURPLE TOP. Tops very small. Bulbs large, having few, if any, roots. Skin deep purple above, bright yellow underneath. Flesh golden yellow, of fine texture, sweet and of richest flavor. Very hardy, unusually productive, and a good keeper; the principal variety being desirable for table use and stock feeding. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 40c.

SKIRVING'S PURPLE TOP. Flesh yellow, solid and sweet. A good keeper, Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 40c.

LAING'S IMPROVED PURPLE TOP. Leaves cabbage-like and large. Bulb nearly round. Skin smooth, yellow below and purple above. Flesh yellow, solid and of fine flavor. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 40c.

WHITE SWEET RUSSIAN. Bulb enormous. Flesh white, solid and rich in sugar. The best keeper of all the Swedes, and deservedly popular for both table and stock. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 40c.

TOBACCO. Rich, sandy loam produces the best quality of leaf; heavy, new soils and green manures producing coarse leaf, which burns badly. Wood ashes and commercial potash fertilizers are the best for tobacco. The seed bed must be very light; it is well to burn a brush heap upon it some months before seeding.

PRIMUS. The very earliest variety grown and one that succeeds well in Canada and the far North, where few kinds will ripen. Entirely new, choice, very productive. Leaves large, fibers fine, and texture silky. Packet, 5c; oz., 20c; $\frac{1}{4}$ lb., 60c.

CONNECTICUT SEED LEAF. Perhaps the variety best adapted to the climate of the Middle and Northern States, being comparatively hardy. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c,

IMPORTED HAVANA. Best of all for the manufacture of cigars, but inclined to deteriorate; hence the necessity of renewing the seed each year. Ours is a superior strain of Cuban grown stocks. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c.

...Transplanted Vegetable Plants...

THESSE plants are grown from seed supplied by us, thus insuring genuiness of all the plants we offer. They are grown especially for our shipping trade and our method of packing is unexcelled. Our experience and knowledge enables us to ship in the right condition and at the right time, well packed and at short notice. Such knowledge is valuable to every buyer who can ill afford to take any risk of delay or of receiving poor plants in poor condition, when the season demands prompt work.

PRICES DO NOT INCLUDE PREPAYMENT BY MAIL. If wanted by mail add 6 cts. per doz.; 12 cts. for 50; 20 cts. for 100.



| | Doz. | 50. | 100. | 1,000 |
|---|------|--------|--------|--------|
| CABBAGE. Early varieties, once transplanted. | | \$0.40 | \$0.75 | \$4.50 |
| CABBAGE. Late varieties. | .20 | .30 | .75 | |
| CAULIFLOWER. Early varieties, once transplanted. | | | | |
| Ready April 1st | .75 | 1.25 | 7.50 | |
| CAULIFLOWER. Late varieties. | | | | |
| Ready June 20th..... | .30 | .50 | 4.00 | |
| CELERY. Sheared back several times during growth. | | | | |
| Ready July 1st..... | .30 | .50 | 3.00 | |
| SWEET POTATO. Ready June 10th..... | | .25 | .35 | 2.50 |
| TOMATO. Twice transplanted..... | | \$0.20 | .60 | 1.00 |
| EGG PLANT. Twice transplanted. | | .25 | .80 | 1.50 |
| PEPPER. Twice transplanted. | | .20 | .60 | 1.00 |

VEGETABLE ROOTS AND SETS.

| | | | |
|--|------------------------------------|------|------|
| ARTICHOKES. Jerusalem..... | Bu., \$1.25. | | |
| ASPARAGUS. Columb. Mammoth White, Conover's Colossal, Palmetto, 2 years old..... | | 1.00 | 6.50 |
| CHIVES. Strong clumps. | Prepaid each 25c; not prepaid 10c. | | |
| GARLIC. Bulbs. | Postpaid, per lb. 30c. | .75 | 5.00 |
| HORSE RADISH. Slant cut ends | | .20 | .50 |
| RHUBARB ROOTS. Strong clumps, each 15c. | Mailing size, each 10c. | .75 | 6.00 |
| ONION SETS. Bottom Tops, Multipliers, etc., see special page. | | | |

THREE VALUABLE TEXT BOOKS ON GARDENING.

GARDEN MAKING. A guide to daily practice in the garden, whether that garden be a city back yard or an enclosure of acres. It imparts in simple language such information as every man or woman who buys a single packet of seed or attempts to grow a single plant is in need of. Profusely illustrated. Bound in flexible cloth so it can be carried in the pocket. Postpaid, \$1.00.

THE YOUNG MARKET GARDENER. Is intended as a guide to beginners. It gives sound advice on construction of houses, pits, soils, profitable crops to grow, suggestions how to market. 119 pages. Paper. Postpaid, 50c.

THE FORCING BOOK: A manual of the cultivation of vegetables under glass. Valuable alike to the amateur or private gardener. 266 pages, 88 illustrations. Postpaid, \$1.00.

Fertilizers, Insect, and Fungus Remedies.

THE INTELLIGENT and prosperous farmer of the present day is certain to be one who fully believes in and practices that excellent motto: "Feed the soil and the soil will feed you." Crops can not live and thrive on air and water alone. Their roots penetrate the earth and absorb therefrom the Nitrogen, Phosphoric Acid, Potash, or other elements of plant food they require. In some form these must be replaced, otherwise the land would eventually revert to that deplorable condition usually described as "worn out."

Chicago has long been recognized as headquarters for commercial fertilizers. The great slaughter houses at the stock yards furnish the raw material for manufacture. The Bone Meal obtained from this source, is immensely superior to that made from dry bones gathered upon the western plains. We invite correspondence from everyone interested in CONCENTRATED MANURES. We can save you money. We sell by sack, ton, or car load. Special quotations on large lots.

FERTILIZERS.

BONE MEAL. Guaranteed pure bone. It is ground fine and is an excellent top dressing for lawns, grass lands, farm and field crops; also for mixing with potting soil. 5 lbs. 25c; 10 lbs. 40c; 25 lbs. 70c; 50 lbs. \$1.25; 100 lbs. \$2.00; bag of 200 lbs. \$3.50.

Crushed Bone. Coarse ground. Used around fruit trees, grape vine borders, and in the poultry yard. 50 lbs. \$1.75; 100 lbs. \$3.00.

BONE AND BLOOD. Just the thing where a high nitrogenous fertilizer is required. Its effects are prolonged and lasting. Recommended for Cabbage, Cauliflower, Corn, Grain, in fact all kinds of vegetation. For seed beds and garden plots apply broadcast at the rate of one or two tons per acre. When used in rows or in hills, one to two hundred pounds per acre will be sufficient. 100 lbs. \$1.50; per ton \$24.00.

FARMERS' FAVORITE BRAND. Benefits all field crops, promotes maturity, and affords nourishment the entire growing season. It is used with the most beneficial results by Market Gardeners on Cabbage, Cauliflower, Celery, Peas, Radish, Spinach, etc. Use 200 to 300 lbs. per acre. 100 lbs. \$2.00; 200 lbs. \$3.50.

GARDEN VEGETABLE FERTILIZER. The effect of this fertilizer when applied to vegetables brings them into marketable condition from 10 to 14 days earlier, and increases the production from one-third to one-half. It is clean, odorless, easy to handle, and reasonable in price. An excellent stimulant for Potatoes. 50 lbs. \$1.50; 100 lbs. \$2.25; 200 lbs. \$4.00.

Land Plaster. Excellent for composting, or mixing with guano. Bbl. (about 350 lbs.) \$2.25; 5 bbls., for \$10.00. Write for special price on large quantity.

LAWN FERTILIZER. Fine, dry, non-odorous. It may be applied any time during spring, summer, or autumn, as the grass needs nourishment. 10 lbs. 35c; 25 lbs. 70c; 50 lbs. \$1.25; 100 lbs. \$2.25.

NITRATE OF SODA. A quick acting fertilizer for all crops hastening maturity greatly. Should be applied broadcast and evenly. 10 lbs. 60c; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50.

Peruvian Guano. Guaranteed pure. A standard fertilizer. 5 lbs. 40c; 10 lbs. 70c; 50 lbs. \$1.75; 100 lbs. \$5.00.

PULVERIZED SHEEP FERTILIZER. This is natural manure, dried, clean, and easy to handle. Highly recommended for all purposes for which a fertilizer is required. Its effect is immediate and lasting.

For lawns, use at the rate of 500 lbs. per acre. For pot plants, mix one part sheep manure to six parts of soil. For use in the vegetable garden, spread over the surface, and dig in. Being soluble, it readily makes a safe liquid manure (one pound to five gallons of water per day can safely be used). Small lots, 5 lbs. 25c; 10 lbs. 45c; 25 lbs. 75c; 100 lbs. \$2.00; 300 lbs. \$5.00; not prepaid.

Florists' Plant Food. Used by florists to mix with soil in greenhouse benches, pots, etc. 5 lbs. 50c; 10 lbs. 75c; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$4.00.

Bowker's Plant Food. A preparation especially designed for pot plants. Results obtained from its use are rapid and vigorous growth, and an abundance of flowers. Small pkg. 15c; by mail, postpaid, 20c. Full size box, 25c; by mail, 40c; postpaid.



INSECT DESTROYERS.

Liquid Insecticides are not admissible to the mails. Powders and soaps can be sent by mail, if 15c. per lb. be added to prices herein given.

Fir Tree Oil. Kills mealy bug, scale, black and green aphides, red spider, etc. Directions on bottle. Pint 75c; qt. \$1.25.

HELLEBORE, Powdered White. Destroys slugs, currant-worms, caterpillars, etc. Lb. 25c; 5 lbs. for \$1.00; not prepaid.

INSECT POWDER, Dalmatian or Persian. Destroys ants, fleas, and all noxious insects. $\frac{1}{4}$ lb. 25c; $\frac{1}{2}$ lb. 40c; 1 lb. 75c; not prepaid.

"ROSE LEAF" INSECTICIDE. A pure extract of tobacco used by diluting with water. Book of directions free. Pint 30c; quart 50c.

Nicoteneen. A Liquid Insecticide. One of the most powerful and satisfactory in use. It is much more preferable than the crude tobacco extracts usually sold. Pint, \$1.50.

Nicoteneen Aphis Punk. A special preparation of nicoteneen, wood pulp, and chemicals. The rolls when ignited vaporizes the nicoteneen, eradicating caterpillars on shade and fruit trees, and insects in greenhouses. Pkg. of 12 rolls, 60c; not prepaid.

PARIS GREEN. A poisonous powder almost indispensable on the farm and in the garden. It prevents the ravages of potato and other bugs, slugs, caterpillars, worms, etc. Used either dry or in solution. 1 lb. 25c; 2 lb. can 45c; 14 lb. bucket \$3.00; 28 lb. bucket \$5.50.

SLUG-SHOT.

One of the cheapest and most popular insecticides. It kills potato bugs, currant, gooseberry, and cabbage worms, melon, squash, and cucumber bugs—in fact, every pest known to the gardener. Contains nothing in the least injurious. 5 lb. package, 30c; 10 lb. package, 50c; bbl. (225-260 lbs.), 4c lb.

Tobacco Dust. Cheaper than snuff. A sure remedy for green fly. 1 lb. 10c (by mail, 25c); 5 lbs. 25c; 100 lbs. \$2.00; not prepaid.

Tobacco Soap. Most effective in cleansing plants and trees infested with red spider, oleander bugs (scale), and rose slugs. Box, sufficient to make 5 gals. of wash, 25c; by mail, 35c.

Tobacco Stems. For fumigating greenhouses, etc. Good to mulch Rose and Lettuce beds. 10 lbs. 50c; bbl. \$1.00; bale of about 250 to 400 lbs. 1c per lb.

Whale Oil Soap. Pure, fresh. Kills insects and their eggs; good wash for fruit trees. 2 lbs. 25c; 5 lbs. 50c; not prepaid. Postage required, 15c per lb.

REMEDIES FOR MILDEW, ETC.

Bordeaux Mixture. For black rot, mildew of grapes, potato rot, leaf blight of cherry, pear, and other trees, etc. Supplied dry; 1b. 30c; not prepaid.

Grape Dust. Preparation for destroying mildew, mold, or rust either in greenhouse, or open air. 5 lb. package, 35c; not prepaid.

Powdered Sulphur. For destruction of mildew on roses, etc. Lb. 10c; 10 lbs. 60c; 25 lbs. \$1.25; 50 lbs. \$2.00; not prepaid.



Selected Farm Seeds.

We make a specialty of Farm Seeds, and are at all times prepared to furnish the Best Varieties of Corn, Oats, etc., at such prices that it will not pay any one to plant inferior seed. PRICES INCLUDE BAGS.

Barnard's Early Yellow Dent Corn.

A LARGE-EARED, EARLY, 90-DAY CORN.

We repeat the words "A LARGE-EARED EARLY CORN," and they seem almost a sufficient description in themselves, to gain the attention and favor of hundreds of farmers, situated in latitudes where later, valuable varieties will not ripen; or with those who for any reason may wish to make a late planting and yet feel sure of a crop. These words do not, however, express all the merits of this truly remarkable new variety. It possesses the money making quality PRODUCTIVENESS. Its habit of setting two to three ears to the stalk and of maturing them, result in an agreeable surprise to those who have cultivated the less thoroughly bred earlier corn. The characteristic of GREAT YIELD is made apparent upon shelling; the grains are very deep and set compactly upon the cob, which is extremely small in diameter, but of good length—eight to ten inches.

The ears are smooth and handsome, the kernels have none of the rough sharp points, so objectionable in many of the early corns. This is a feature which will be greatly appreciated by the huskers. The plant is vigorous, well supplied with foliage, roots deeply, enabling it to withstand adverse conditions of soil and weather.

This is not a chance variety but the result of scientific selection and hybridizing with a definite object in view, which has been attained in this large-eared early variety. Its record is ninety days of good corn weather from date of planting to maturity and entirely out of the frost danger.

If you are seeking an

EARLY, PRODUCTIVE,
HANDSOME,
HARDY, PROFITABLE,
SMOOTH KERNELED,
YELLOW CORN,

you have it in

*BARNARD'S
EARLY
YELLOW
DENT.....*

Pkt., 10c.; qt., 35c.
postpaid; pk., 50c.;
bu., \$1.50; 5 bu. for
\$6.75; bags in-
cluded.

A...
Pleased
Customer

IS OUR BEST
ADVERTISEMENT

FRED PFAFF, Wis., writes:

"Planted your corn the 20th of May. Heavy rains early in June gave it a set back. Later it picked up and many stalks set two ears. It was killed by frost middle of September. Its yield was about 80 bu. to the acre. It is a nice corn and I will try it again next year."

R. E. JANES, Ind. "I planted your corn in two fields. Six acres planted May 20th on light soil gave 40 bu. to the acre. Dry weather in August was against it. 2½ acres planted in June on low, black land was cut and shocked 28th Sept. It made 50 bu. per acre. The corn is sound with ears from eight to ten inches in length."

H. ALEXANDER, Oregon, reports: "The worst year in 30 in this state for corn. Planted Barnard's Yellow Dent May 16. Made good stand and growth with 3 or 4 ears on many stalks. Cold rains in August and September prevented corn ripening."

FRED DIEHL, Wis. sends this: "We had a very early frost. I learned your corn is not too late for this part of Wisconsin. Corn was almost a failure in this part. I will plant yours again next season, and I know if season is favorable I will get good crop."

F. A. DEWITZ, JR., Wis., says: "The yield of Yellow Dent Corn was 50 bu. from ½ acre. The stalks are 10 to 12 feet long and are greatly relished by cattle. More than any kind I ever had. I'll try it again next year."



SEED FIELD CORN—Continued.

The varieties named below are among the very best now in general use. At these very reasonable prices no one can afford to take risks with inferior seed

A few cents per acre, invested in selected seed corn, will often make a difference of hundreds of dollars in the value of the crop.

WHITE ELEPHANT CORN. See page 16.

PRIDE OF COLUMBIA.

In the Pride of Columbia we have a corn that matures extremely early and is exceedingly prolific, with very small red cob. Grain of a bright yellow color; ears averaging 10 inches in length; uniform in shape; small tapering, deep kernel, dented, somewhat rough; 16-rowed, compactly placed on cob. Seventy pounds of ears have on several tests shelled sixty-two and sixty-three pounds of corn. Makes a much more luxuriant growth of fodder than Pride of the North. This makes it more valuable as a drought resister and more desirable for ensilage. It outyields Pride of the North 10 to 20 bu. per acre. A valuable corn for hog raisers because of its early earing habit. Pkt., 10c.; qt., 25c., postpaid; pk., 35c.; bu. \$1.00, not prepaid.

PRIDE OF THE NORTH. This is undoubtedly the best known of the early Yellow Dents. Ears 8 to 10 inches in length and 1½ inches in diameter. Kernels closely set, above medium size, long, narrow, thin, of deep orange color, shading to pale yellow at the tip. Cob very small and red. In a test, 70 pounds of ears, not selected and but imperfectly dried, produced 60¾ pounds of shelled corn and only 9¼ pounds of cobs, instead of 14 pounds, the usual proportion. Stalks about medium height, 6 to 8 feet. Pkt., 10c.; qt., 25c., postpaid; pk., 35c.; bu. \$1.00, not prepaid.

BARNARD'S EARLY YELLOW DENT CORN. See page 49.

WHITE CAP YELLOW DENT. This now famous corn possesses the earliness of *Pride of the North*, and will produce a greater yield on thin, poor land than any other corn. Grows about 6 to 7 feet in height, with abundant foliage and fine large ear. The tip ends of the grains are white, the inside yellow, making it of a beautiful color both when on cob and when shelled. It ripened and produced an enormous crop in the State of New York. Pkt., 10c.; qt., 25c., postpaid; pk., 35c.; bu., \$1.00, not prepaid.

ENSILAGE AND FODDER CORN.

If planted in drills, which should be about three and a half feet apart, 12 to 16 quarts per acre are required. If sown broadcast, 2 to 2½ bushels are required to the acre.

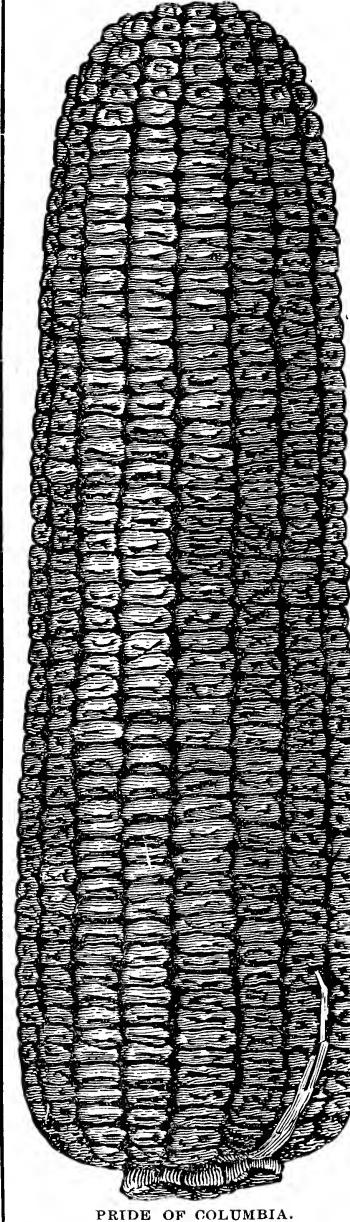
These prices include bags and delivery to depot.

SWEET CORN FOR FODDER. There is nothing better for green feed, or for curing for winter, than Sweet Corn. Sow in drills or broadcast. Pk., 50c.; bu., \$1.50; 2 bu., \$2.50; 10 bu., \$1.10 per bu., bags included.

RED COB ENSILAGE. A most desirable variety, adapted to all sections of the country. Pk., 25c.; bu., \$1.75.

LARGE, WHITE SOUTHERN ENSILAGE. A most desirable variety for its purpose. Leaves are produced in abundance. Pk., 35c.; bu., \$1.00.

Prices include Bags.



PRIDE OF COLUMBIA.

IOWA GOLD MINE.

It is early, ripening only a few days later than Pride of the North; ears are of good size and symmetrical; color a bright golden yellow; grain is very deep, cob small, and therefore dries out very quickly as soon as ripe. *Seventy pounds of ear corn makes sixty to sixty-two pounds of shelled corn.* Give this corn a trial and you will never regret having done so. Pkt., 10c.; qt., 25c., postpaid; pk., 35c.; bu. \$1.00, not prepaid.

IOWA SILVER MINE. Matures in about 100 days in the Illinois corn belt, say south of Chicago. The stalks grow to a height of 7 or 8 feet and set the ears about 3½ to 4 feet from the ground. The ears measure from 10 to 12 inches in length, and often weigh 1½ pounds. They are very uniform in size and shape, with 16 to 20 straight rows of deep, pure white kernels on a very small cob. *It is the heaviest yielder we know, having produced over 200 bu. to the acre.* Pkt., 10c.; qt. 25c., postpaid; pk., 35c.; bu. \$1.00, not prepaid.

YELLOW FLINT. An exceedingly heavy and productive variety. It grows to a good height, the stalks making excellent fodder. Ears 8 to 10 inches in length, cob white, 8-rowed, with large and broad kernels. Pkt., 10c.; qt., 25c., postpaid; pk., 50c.; bu. \$1.50, not prepaid.

IMPROVED KING PHILIP. Very early. Ears 10 to 12 inches. Kernels copper-colored, smooth and flinty. Pkt., 10c.; qt. 30c., postpaid; pk., 50c.; bu. \$1.50, not prepaid.

SANFORD'S WHITE FLINT. Handsome, large and well filled kernels. Pkt., 10c.; qt., 25c., prepaid; pk., 50c.; bu., \$1.50, not prepaid.

■■■■■ BROOM CORN. ■■■■■

IMPROVED EVERGREEN. The best variety for general cultivation because of color and quality of brush. It ripens early, grows about 8 to 10 feet high. Brush of good length, fine and straight. Does not get red before it is cut, but is strictly a green variety. Lb., 25c., postpaid; pk., 60c.; bu., \$2.00, not prepaid.

COW PEAS—The Great Soil Improver.

COW PEAS Makes poor land rich. Makes good land more productive. Also makes a splendid and nutritious green forage or hay crop, enriching the soil even when the crop is cut off.

Green crops plowed under are one of the cheapest methods of enriching the soil. Cow Peas are invaluable for the purpose as well as providing a large amount of fodder. They should be sown in May or June at the rate of 1½ bu. to the acre. The pods may be removed, dried and the grain ground, and the plants plowed under. The stalks and leaves fed green make excellent fodder. Cow peas should be grown to a much greater extent than at present. Pint, 10c.; qt., 35c., prepaid; pk., 50c.; bu., \$1.75, not prepaid.

Seed Grain.

GROWN EXPRESSLY FOR SEED. CAREFULLY RECLEANED and SELECTED.

Prices on Seed Grain subject to market changes. We make no charge for bags, nor delivery to depots. Purchaser pays freight in all cases.

OATS.

If you would be up with the times and grow oats which on threshing day would make you the envy of your neighbors change your seed oats. Who would not raise pure, choice, heavy oats in preference to light, mixed, and chaffy kinds that yield an insignificant crop of poor quality? We advise you to buy and sow new or well-tried varieties that are sure croppers, free from disease, immensely prolific and which bring the highest price in the market. Raise some and sell to neighbors.

New Oat. "IRISH VICTOR."

Illustrated on Back Cover of this Book.

ONE of the best importations of recent years. A grand novelty oat. Scotch-grown oats have long been famous for their productiveness and extreme weight. The IRISH VICTOR was introduced from northern Ireland. It has been grown in this country, chiefly in Iowa and adjoining states, and everyone speaks highly of it. Grows to medium height, stools out well; has very stiff straw. Grain is large, plump, and heavy. Fully as early as LINCOLN and yields more than that very productive variety. Lb. 20c; 3 lbs. 50c; postpaid; pk. 30c; bu. 80c; 5 bu. for \$3.50; bags included; not prepaid.



LINCOLN. This splendid and now favorably known variety originated in Minnesota and has proved itself one of the best. The following are a few of its points of excellence:

"It is very productive, having in all instances yielded more to the acre than any other sort grown in the same locality. It yielded 174 bushels from a single bushel of seed. It is very early, and has thus far proved itself rust proof. It stands up better than any other sort, it is best for feeding, on account of its thin hull, heavy meat and soft nib. It is best for oatmeal or grinding, for the same reason, and should be extensively grown around any location where there is an oatmeal mill."

Despite unfavorable weather in some portions of the west the past season, the LINCOLN OAT has stood the test again in yield, stiffness of straw and almost entire freedom from rust. Lb. 15c; 3 lbs. for 40c; postpaid; pk. 25c; bu. 70c; 5 bu. for \$3.00; bags included; not prepaid.

Rust-proof, Prolific New Zealand Oats Have Yielded 102 bu. to the Acre.

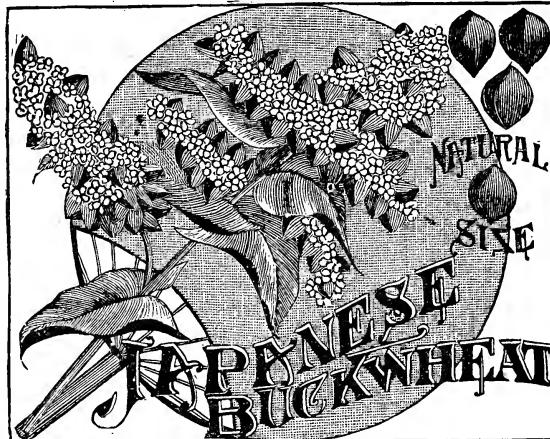
ANOTHER year's trial of the NEW ZEALAND OATS has shown that our claims made for this variety were well-founded. Iowa farmers give it high praise. This variety came originally from the country whence its name is derived. It is a rust proof oat, a trifle higher than other sorts, having sufficient strength and stiffness of straw to prevent its lodging from the effects of storms. The NEW ZEALAND is a white side oat of medium size, with extra heavy heads of about 100 grains each, and is only two or three days later than the early round oats. Stools out unusually well and stands up where wheat might be expected to stand. The yield is twice that of any other variety, and should be sown by every farmer who desires the most profitable oat to be obtained. Lb. 20c; 3 lbs. 50c; prepaid. Pk. 25c; bu. 75c; 5 bu. for \$3.00; bags included; not prepaid.

BLACK TARTARIAN. For those who prefer a black oat we can safely recommend this variety. The grain is very large, plump, and full, and it is exceedingly prolific under most ordinary cultivation. Lb. 20c; 3 lbs. 50c; postpaid. Pk. 35c; bu. \$1.00; 5 bu. for \$4.50; bags included; not prepaid.

SEED GRAIN

Grown Especially for Seed Purposes.

We make no charges for bags nor delivery to depots. Purchaser pays freight in all cases. ☺ ☺ ☺ ☺

**BUCKWHEAT.**

Sow 3 pecks to 1 bushel to the acre in mid-June. It can be grown as a profitable second crop to follow early peas, potatoes, etc.

JAPANESE. Sown at the same time as Silver Hull, the Japanese ripens about a week earlier, and is much more productive. In shape the kernels are peculiar and distinct. The flour made from it is equal in quality to that of any other buckwheat. As this variety branches freely and has heavy straw, a less amount of seed is required. Lb. 20c, postpaid; pk. 40c; bu. \$1.25; bags included; not prepaid.

SILVER HULL. Grain silver-gray in color. Rounder than common buckwheat, is earlier, has a thinner husk, and yields more. Lb. 20c postpaid; pk. 40c; bu. \$1.25; bags included; not prepaid.

COMMON BUCKWHEAT. Selected seed. Lb. 20c, postpaid; pk. 50c; bu. \$1.00, bags included; not prepaid.

BARLEY.

MANY farmers who a few years ago would not tolerate barley on the farm are now cultivating it extensively. It is now in demand for feeding purposes, either alone or mixed with other feeds.

MANSHURY. The best 6-rowed barley grown. Long heads drooping with heavy grain which is considered superior for malting. It is early and yields a large crop. A standard all-round good barley. Lb. 20c, postpaid; pk. 40c; bu. \$1.00; not prepaid.

WHITE HULLESS. This is a NEW barley and one which has several valuable properties. It is early, beardless, hulless. It will yield WELL on poor land and enormously on good soil. Weighs over 60 lbs. to the measured bushel. For fattening hogs, has no equal. Makes better pork than corn—the meat is sweeter. The kernels are plump and heavy, and when threshed are hulless like grains of wheat. It has been sown in mid-June and made a good crop. The straw makes good hay. Lb. 25c, postpaid; pk. 50c; bu. \$1.50; not prepaid.

NEPAUL or Hulless. A two-rowed variety distinguished for its sure cropping and heavy yielding properties. Stalks shorter than the ordinary while heads are larger. Lb. 20c, postpaid; pk. 40c; bu. \$1.00; not prepaid.

RYE *Sow at the Rate of two Bushels to the Acre.*

SPRING RYE. This is distinct from Winter Rye. It does not stool out like that variety, but the straw is equally valuable. Spring Rye is now largely sown in the Middle and Western States in place of oats. It makes a good "catch crop" where winter grain has failed. Lb. 20c, postpaid; pk. 30c; bu. \$1.00; bags included; not prepaid.

WHITE WINTER. This is grown by many, and plowed under as green manure. WHITE RYE is sown in the fall months. We have a good clean strain of this standard grain. Lb. 20c; pk. 30c; bu. \$1.00; bags included; not prepaid.



MANSHURY BARLEY

HIGH GRADE SEED**...WHEAT...**

We endeavor to keep on hand at their proper planting seasons stocks of the leading Seed Wheats. We here name those suitable for Spring planting.

About Aug. 15 we will be glad to quote prices on Seed Winter Wheat. Please name varieties desired and state the quantity required.

VELVET CHAFF BLUE STEM

(Spring). A distinct variety, having white, velvet-like chaff; heads beardless. The stem, just below the head, when green, is a beautiful blue bloom, which disappears as the wheat ripens, both wheat and straw assuming a bright golden tint. The kernel is of the hard variety, similar to the Scotch Fife, but is far more productive and one of the best spring wheats for milling; entirely free from rust. Pkt. 5c; lb. 20c, postpaid; pk. 50c; bu. \$1.50; not prepaid.

SASKATCHEWAN FIFE (Spring) has all the general characteristics of Scotch Fife, from which it is descended by careful selections. It excels in earliness, hardiness, productiveness, and freedom from smut and all diseases. It is highly endorsed by leading wheat growers. Pkt. 5c; lb. 20c, postpaid; pk. 50c; bu. \$1.50; not prepaid.



VELVET CHAFF WHEAT.

SUGAR CANE, FORAGE PLANTS, ETC.

Just as the human appetite craves a change in the daily rations, so does the farm stock enjoy with relish a change in their food, the result being an improved appetite and increase in growth. The forage plants offered on this page have all been tried and proven good. They are excellent either as green or dry feed.

CANE or SORGHUM.

EARLY AMBER. Wherever this has been introduced it gives entire satisfaction as a *profitable crop fodder, as well as for sugar making*. When planted between the 1st and 10th of May the seed invariably ripens in almost any section of the country. The seed is very nutritious and valuable for horse and cattle food, and is greedily eaten by poultry. It is by far the best variety for sugar. The syrup obtained from the cane is a pale amber color, hence the name. Pkt. 5c; lb., 15c; postpaid; 25 lbs. for \$1.00; 100 lbs., \$3.00, not prepaid, bags included.

KANSAS ORANGE. This is the most popular variety grown in the South. Its habit is similar to Early Amber, and it is constituted to endure Southern summer heat. South of Illinois this is the Sugar Cane to plant. Pkt., 5c; lb., 15c., postpaid; 25 lbs. for \$1.00; 100 lbs., \$3.00, not prepaid, bags included.

WHITE MILLO MAIZE. A variety of sorghum non saccharine. The merit of this variety is that when cut for feeding it starts again from the stumps with renewed vitality. It endures dry weather and will make a crop where corn would be a failure. It bears grain in heads ten to fifteen inches long. Large pkt., 5c; lb., 20c., postpaid; 10 lbs. for 50c.; 25 lbs. for \$1.00; 100 lbs. for \$3.00, not prepaid, bags included.



KAFFIR CORN.

KAFFIR CORN

Is now successfully cultivated for both forage and grain in all sections of the United States.

It will make a fine crop of forage if cut in early bloom, and the shoots that then follow will mature a full crop of seed and forage. Both grain and fodder are excellent, the whole stalk tender to the full maturity of seed. There is no failure about it, as it possesses the quality that all the tribe possess, of *waiting for rain* without any loss of capacity to yield. The grain makes a flour that is like wheat. Cultivated the same as our common Indian Corn, requiring

four to five pounds of seed per acre. By mail, postage paid, pkt., 5c; lb., 15c; by freight or express, 10 lbs for 40c; 25 lbs. for 75c; 100 lbs., \$2.50, bags included.

WILD RICE. (*Zizania Aquatica*.)

A native plant furnishing food for wild fowl, ducks, geese, etc. This seed can be sown on the borders of lakes, ponds, along small streams, and grows very rapidly in one foot to four feet of water, attracting all of these wild birds from September on. It also purifies the water and affords a refuge for the small fry from the large fish. Lb., 35c., postpaid; 5 lbs., \$1.00; 10 lbs. and over, 18c. per lb.

FLAX. When grown for seed sow one bushel per acre. If fibre is wanted, sow at the rate of two to three bushels. The soil should be well cultivated. Lb., 10c; 100 lbs., \$4.00.

Book on Flax Culture, 5c.



DWARF ESSEX RAPE.

DWARF ESSEX RAPE.

DWARF ESSEX RAPE is considered indispensable by the sheep and cattle farmers of Great Britain, and is fast coming into use in this country on account of its rapid growth, being ready to feed in ten weeks from sowing, and producing twenty-five to thirty tons of green forage to the acre. It grows to a height of three feet and covers the surface so densely as to smother out all weeds and to kill quack and other objectionable grasses. It can be sown all through the season, being perfectly hardy, withstands drouth, and will produce a crop in any soil by sowing broadcast at the rate of five pounds to the acre, or in drills or rows two feet apart at the rate of three pounds per acre. While unequaled as a pasture for sheep, as a fattening food for all kinds of live stock it is without a rival in point of cheapness or effectiveness. Oz., 5c; lb., 20c, postpaid. By express or freight, not prepaid, 10 lbs., 75c; 25 lbs., \$1.75; 100 lbs., \$6.00, bags included. Write for prices in larger quantities.

VETCHES or TARES.

SPRING TARES. A species of the pea, grown by nearly all farmers in the British Islands and to a considerable extent in Canada. For spring planting this variety, known as (*Vicia sativa*) is sown broadcast at the rate of 100 lbs. per acre, like wheat or barley. It can be cheaply raised, fed green, or ensilaged. Where land is not adapted to hay or is expensive, or pasturage is poor or costly it would pay to grow Vetches as a forage crop. Pkt., 5c; lb., 20c., postpaid; 10 lbs. for 75c; 25 lbs. for \$1.50; 100 lbs., \$5.50, not prepaid, bags included.

SAND or WINTER VETCH. (*Vicia villosa*.) This variety thrives on poor, arid, sandy soils. It is sown either in fall or in spring, and generally mixed with rye, which serves as a support to the plants. It grows to a height of from 3 to 4 feet, and can be cut twice for fodder, first as soon as the bloom appears, and then it can be again cut for the seed. The plant is perfectly hardy and the produce is recommended as most nutritious. The seed is black and perfectly round, and should be sown at the rate of 100 lbs. to the acre. Pkt., 10c; lb., 25c., postpaid; 10 lbs., \$1.25; 25 lbs. for \$2.75; 100 lbs., \$10.00, not prepaid, bags included.

CHUFAS, or Earth Almond. Very sweet and nutritious. Pkt., c; qt., 35c., postpaid.

..Mixture of Grasses for Meadows and Permanent Pastures..

SPECIAL NOTICE.

In the preparation of these mixtures for permanent pasture and mowing, the greatest care is exercised in selecting such varieties as are suited to the soil to be laid down and are likely to realize the object in view. To facilitate this, a description of the soil, whether light, medium or heavy, also climate, and purpose for which sown, and if with or without a crop, should accompany each order. . . .

Sow three bushels of Grass Seeds and 10 pounds of Clover to the acre.

For every different kind and condition of soil there is a large number of grasses, indigenous or introduced, which are especially suitable. Some sorts do best on high ground and in dry weather; others prefer plenty of moisture. Some mature so early, and others so late, that from the beginning of spring until winter, there is no time when one species or another is not at its best.

It is a well known fact that grass countries are always prosperous, and there is ample and just reason why this should be so. Grass and clover culture brings in its train so many benefits to the farmer. There is the permanent improvement of the soils had by the splendid nitrogen-gathering qualities of the clovers; the permanent pastures, the green food and the hay crops. A market is always ready for hay, and the grazing possibilities of grasses are too well known to require elaboration here.

The importance to the farmer of a good selection and proper mixture of Grass Seeds for mowing, permanent pasture, or other purposes cannot be over-estimated. Our Grass and Clover Seeds have been sown season after season with great profit and satisfaction to thousands of our customers. Steadily increasing sales testify not only to their trustworthiness, but to the general satisfaction they give everywhere.

The Grass Seed Mixture is supplied as desired, mixed for mowing or permanent pastures. Price, per bushel (14 pounds), \$2.50. Not prepaid.

Clover Mixture of the best varieties and highest quality should be sown with above at the rate of 10 pounds to the acre. Price, 10 pounds for \$2.00. Not prepaid. In larger quantities write for special quotations.

We Furnish the Grass and Clover Seeds Separately, as the Clovers have greater weight. Clover should be sown separately, and it is recommended to sow only in the spring.

Meadow or Pasture Mixtures for One Acre.

The quantities given are the minimum, and may often be increased to advantage.

No. 1. On Good Land, neither Too Dry nor Too Wet.

| | |
|--------|-------------------------|
| 3 lbs. | Red Top. |
| 1 " | Meadow Foxtail. |
| ½ " | Perennial Sweet Vernal. |
| 2 " | Tall Meadow Oat Grass. |
| 3 " | Orchard Grass. |
| 2 " | Hard Fescue. |
| 2 " | Sheep's Fescue. |
| 4 " | Perennial Rye Grass. |
| 16 " | Timothy. |
| 1 " | Red Clover. |
| ½ " | Alsike Clover. |

35 lbs. Price per acre, \$1.75.

No. 2. For High and Dry Land.

| | |
|--------|---------------------------|
| 3 lbs. | Red Top. |
| 4 " | Tall Meadow Oat Grass. |
| 2 " | Meadow Brome Grass. |
| ½ " | Crested Dog's Tail. |
| 5 " | Orchard Grass. |
| 2 " | Hard Fescue. |
| 3 " | Sheep's Fescue. |
| 1 " | Meadow Soft Grass. |
| 12 " | Timothy. |
| 1 " | Rough-stalk Meadow Grass. |
| 1 " | Red Clover. |
| ½ " | White Clover. |

35 lbs. Price per acre, \$5.50.

No. 3. On Wet, Late Land.

| | |
|--------|------------------------|
| 5 lbs. | Red Top. |
| 2½ " | Creeping Bent Grass. |
| 5 " | Orchard Grass. |
| 2 " | Tall Meadow Oat Grass. |
| 2 " | Meadow Fescue. |
| 1 " | Tall Fescue. |
| 1 " | Meadow Soft Grass. |
| 5 " | Perennial Rye Grass. |
| 10 " | Timothy. |
| 1 " | Red Clover. |
| ½ " | Alsike Clover. |

35 lbs. Price per acre, \$5.25.

Pasture Mixtures of Grasses for One Acre.

No. 4. On Good Land, Neither Too Dry nor Too Wet.

| | |
|--------|-------------------------|
| 2 lbs. | Tall Meadow Oat Grass. |
| 2 " | Red Top. |
| ½ " | Perennial Sweet Vernal. |
| 4 " | Orchard Grass. |
| 3 " | Sheep's Fescue. |
| 1 " | Hard Fescue. |
| 1 " | Meadow Soft Grass. |
| 5 " | Perennial Rye Grass. |
| 1 " | Meadow Foxtail. |
| 7 " | Kentucky Blue Grass. |
| 6 " | Timothy. |
| ½ " | Yellow Trefoil. |
| 1 " | Red Clover. |
| 1 " | White Clover. |

35 lbs. Price per acre, \$5.75.

No. 5. On Dry Land.

| | |
|--------|-------------------------|
| 3 lbs. | Creeping Bent Grass. |
| 3½ " | Tall Meadow Oat Grass. |
| 1 " | Meadow Brome Grass. |
| 3 " | Orchard Grass. |
| 1 " | Hard Fescue. |
| 4 " | Sheep's Fescue. |
| ½ " | Perennial Sweet Vernal. |
| 6 " | Timothy. |
| 5 " | Perennial Rye Grass. |
| 2 " | Field Burnet. |
| 4 " | Sainfoin. |
| 1 " | Red Clover. |
| 1 " | White Clover. |

35 lbs. Price per acre, \$6.25.

No. 6. On Wet Land.

| | |
|--------|---------------------------|
| 3 lbs. | Red Top. |
| 4 " | Orchard Grass. |
| 1 " | Meadow Fescue. |
| 1 " | Tall Fescue. |
| 1 " | Meadow Soft Grass. |
| 5 " | Perennial Rye Grass. |
| 1 " | Meadow Foxtail. |
| 8 " | Timothy. |
| 1 " | Rough-stalk Meadow Grass. |
| 8 " | Kentucky Blue Grass. |
| 1 " | Alsike Clover. |
| 1 " | White Clover. |

35 lbs. Price per acre, \$5.25.



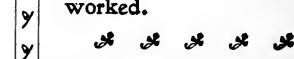
Awnless Brome Grass. (*Bromus Inermis.*)

All kinds of stock eat it greedily.

EHARDY perennial, standing extremes of heat, cold, and drought better than any of our cultivated grasses. In the south it remains green all winter. It grows with wonderful rapidity, and produces heavy hay crops and luxuriant pasture. Does well upon any soil. Lb. 25c; postpaid; 10 lbs., express or freight, \$2.00; 25 lb. \$3.75; not prepaid.

y Sow 35 to 40 bu. to the acre as early in Spring as the ground can be worked.

Rich in flesh-forming ingredients.



RECLEANED

GRASS.



...AND...

CLOVER

SEED.

WE would call especial attention to this greatly superior grade of Seeds. By special machinery it is made absolutely free from chaff and almost if not entirely every weed seed is eliminated. The very slightly increased cost over the ordinary grass and clover seed is trifling, while every pound is actually worth two or three times as much as the grades usually sold.

...Grass Seeds...

BELOW we give the names and short descriptions of the very best varieties for general use.

PRICES on Grass and Clover Seeds change very frequently, so that we are unable to quote prices that are absolute. Get our prices before you buy. If you are in a hurry for the seed, remit us the sum you wish to expend and we will give you the full value of the money sent on the day order is received.

All quotations on grass seeds subject to market changes. Special quotations will be given at any time.

If wanted by mail add 8c. per lb. for postage. Two bu. bags to hold seed, 15c. each.

Grass Seed Mixtures for Mowing and Permanent Pasture, see page 54.



ORCHARD GRASS.

TIMOTHY. (Herd's Grass, Cat's Tail, Phleum Pratense.)

Starts late and grows rather slowly, flowering about four weeks after Red Clover. It makes good hay, even if cut a few days after flowering, but will never bear close feeding to horses or sheep; 45 pounds to the bushel. Sow 12 pounds to the acre. Lb., 10c.; large quantities, market price.

ORCHARD GRASS. (Rough Cock's Foot, Dactylis Glomerata.) This is one of the most valuable and widely known of all the pasture grasses.

Its good properties are earliness, rapid growth and power to resist drought. It will endure considerable shade. If cut when in flower, or very soon after, it makes first rate hay; ripe, it makes poor hay. Flowers about the same time as Red Clover. Sow 24 pounds to the acre. Lb., 20c.; 100 lbs., \$10.00.

RED TOP. (Pennsylvania Herd's Grass, Burden Grass, Agrostis Vulgaris.) Thrives best on low lands, where it cuts a good crop of rather light hay of fair quality. Suitable for low pastures. Sow 2 bu. per acre; 14 lbs. to the bushel. Lb., 20c.; 100 lbs., \$9.00.**KENTUCKY BLUE GRASS.** (June Grass, Spear Grass, Green Meadow Grass, Poa Pratensis.) Valuable pasture grass and for lawns when mixed with other grasses. It grows well in rather dry soil, but will grow on a variety of soils from the driest knolls to a wet meadow. It endures the frosts of winter better than many other grasses. Flowers in June. Sow about 28 lbs. to the acre early in the spring or during October or November. Lb., 20c.; 100 lbs., \$10.00.**PERENNIAL RYE GRASS.** (Lolium Perenne.) Nutritious and valuable; in most places not excelled by Blue Grass for pasture. It thrives on almost all cultivated soils; starts early and grows all summer. Height seldom over 18 inches. Flowers in June. 24 lbs. to the bushel. Sow 60 lbs. to the acre. Lb., 15c.; 100 lbs., \$6.00.**ITALIAN RYE GRASS.** (Lolium Italicum.) Yields an early and abundant harvest on any good common soil. Especially recommended for pasture mixtures. Lb., 15c.; 100 lbs., \$6.00.**MEADOW FESCUE.** (English Blue Grass, Festuca Pratensis.) An excellent pasture grass, early, nutritious, and thrives well on all good soils. The long tender leaves are much relished by cattle. In addition to its being a pasture grass it makes a very good quality of hay. Flowers in June and July. Sow 40 lbs. to the acre. Lb., 15c.; 100 lbs., \$6.00.**MEADOW FOXTAIL.** (Alopecurus Pratensis.) One of the finest varieties for permanent pastures, grows rapidly after the cropping of sheep and cattle. It grows well on all soils except the driest sands and gravels, but thrives best on a rich, moist, strong soil. Flowers in May. Sow 25 lbs. to the acre. Lb., 30c.; 100 lbs., \$20.00.

TALL FESCUE. (Festuca Elatior.) Produces large crops on strong, heavy land. Grows naturally in shady woods, roots deeply and stands dry weather remarkably well. Sow 40 lbs. to the acre. Lb., 25c.; 100 lbs., \$18.00.

HARD FESCUE. (Festuca Duriflora.) A dwarf grass, desirable for dry localities where many other grasses would fail. Sow 30 lbs. to the acre. Lb., 25c.; 100 lbs., \$12.00.

PERENNIAL SWEET VERNAL. (Anthoxanthum Odoratum.) Useful as a mixture with other grasses on account of its early growth. It emits an agreeable odor when cut for hay. Sow 10 lbs. to the acre with other grasses. Lb., 35c.; 100 lbs., \$25.00.

TALL MEADOW OAT GRASS. (Avena Elatior or Arrhenatherum Avenaceum.) It produces an abundance of foliage and is valuable for pasture, starts early, flowers early and roots deeply. Sow 50 lbs. to the acre. Lb., 25c.; 100 lbs., \$16.00.

WOOD MEADOW GRASS. (Poá Memorialis.) There is no grass better adapted for pleasure grounds, particularly under trees, as it will not only grow in such places, but forms a fine sward where few other grasses can exist. Sow 30 lbs. to the acre. Lb., 30c.; 100 lbs., \$25.00.

ROUGH STALKED MEADOW GRASS. (Poa Trivialis.) One of the few varieties that succeed well in moist and sheltered situations, where it produces a constant and abundant supply of nutritive cattle food. Sow 20 lbs. to the acre. Lb., 30c.; 100 lbs., \$20.00.

CRESTED DOGSTAIL. (Cynosurus Christatus.) On dry, hard soils and hills it is valuable for its hardness. Useful for lawn mixtures. Sow 25 lbs. to the acre. Lb., 25c.; 100 lbs., \$23.00.

CREEPING BENT GRASS. (Agrostis Stolonifera.) This variety is peculiarly useful for moist places which are occasionally overflowed, but where water does not stagnate. Also valuable for lawns. Sow 20 lbs. to the acre. Lb., 20c.; 100 lbs., \$15.00.

COMMON MILLET. (Panicum Miliaceum.) Height 2 to 3 feet; succulent stems; leaves broad and numerous, grows rapidly, and matures early. Can be planted as late as August and mature a crop of hay the same season. Sow $\frac{1}{2}$ bushel per acre—50 lbs. to the bushel. Bu., \$1.00.

HUNGARIAN MILLET. (Panicum germanicum.) A popular forage grass in dry sections and dry seasons; it endures drought remarkably well. Stalk leafy, 2 to 4 feet high, with slender heads; 48 pounds to the bushel. Sow $\frac{1}{2}$ bushel per acre. Cut when in blossom, and cure the same as clover. Bu., \$1.00.

PEARL MILLET. (Egyptian, East India Millet, Pennisetaria spicata.) Sow in light, sandy soil, well-manured. If cut when small, for feeding green, it produces a second crop; is one of the best of fodder crops in the south. Lb., 10c.

GERMAN, or GOLDEN MILLET. A great yielder, and one of the best of hay and fodder crops. Sow $\frac{1}{2}$ bushel per acre—50 pounds to the bushel. Bu., \$1.00.

CLOVERS.

Prices on Clover subject to Market Changes. Write for special quotations. If wanted by mail or Express, prepaid, add 8c per lb. to prices named.

ALFALFA, or LUGERNE. (*Medicago Sativa.*)

Alfalfa flourishes in all Western and Southern States and has succeeded admirably in many localities of the North. The great value of alfalfa is in its enormous yield of green fodder, which should be cut when commencing to blossom; it is also highly relished by stock when cured into hay. The roots penetrate the soil to a great depth, they having been found in sandy soil 13 feet long; it is thus able to resist drought, therefore it will grow and yield abundantly in hot, dry sections and on poor, light sandy land. It, however, attains its highest perfection on mellow, well drained high or rolling land, where water readily passes away. Alfalfa is not adapted for heavy, sticky clays, nor for land where water stands a short distance below the surface. The seeds may be sown in the early fall or in the Spring as soon as the frost is out of the ground, in order to catch the Spring rain, as it needs moisture to germinate. Twenty to twenty-five pounds are required per acre if sown broadcast, eight pounds in drills. Thick sowing produces the finest hay. 60 lbs. to the bushel. Lb., 20c, not prepaid; bu., \$5.00, 100 lbs., \$8.00.

MEDIUM RED, or JUNE. (*Trifolium Medium.*)

The common Clover in general cultivation; grows 2 to 3 feet high, and is the best for hay. Makes excellent pasture when sown with Grasses, and is one of the best fodders for milch cows and sheep. When used alone, sow about eight pounds of seed per acre; 60 pounds to the bushel. Lb., 15c, not prepaid. Write for prices in quantity.

MAMMOTH, or LARGE RED. (*Pea Vine, Trifolium Pratense.*)

Grows 4 to 6 feet high. The variety best adapted to plowing under as a green manure, on account of the enormous mass of tops and roots which it produces. It makes an excellent hog pasture. Sow 8 pounds per acre; 60 pounds to the bushel. Market price. Lb., 15c. Write for prices in quantity.

WHITE. (*Trifolium Repens.*)

Low, with creeping stems. It is the best of the Clovers for permanent pasture, but prefers moist land. Mixed with Blue Grass or Perennial Rye Grass, or Taller Oat Grass, it makes a permanent pasture of great grazing value. Stems fine and palatable, bearing numerous leaves of bright green color blotted with white. Sow 6 pounds per acre when used alone, or 3 pounds with Grass seeds; 60 pounds to the bushel. Lb., 25c, not prepaid; 25 lbs., 20c per lb.



ALFALFA CLOVER.

CRIMSON CLOVER. (*Trifolium Incarnatum.*)

This is an annual clover for fall sowing only, and when ripe to cut for hay or seed it never starts again. It can be sown in August, September or early in October. It can be sown in orchards, in fields of growing crops, or in open ground after some other crop has been harvested. It germinates quickly, grows late in the fall and during warm spells in the winter, when red clover will not think of starting. Makes remarkably rapid growth in Spring and by the first week in May it stands two or three feet high and is in full bloom, ready to turn under as green manure in time for almost any Spring crop. It succeeds on nearly every kind of soil standing northern winter and southern summer. It can be cut for hay and for this purpose grows as easily as common red clover. It thrives on land so poor that the common clover would do but little. 10 to 15 lbs. are required to the acre. Lb., 15c, not prepaid; bu., \$3.00; 100 lbs., \$5.00.



SCARLET CLOVER.

ALSIKE, or SWEDISH. (*Trifolium Hybridum.*)

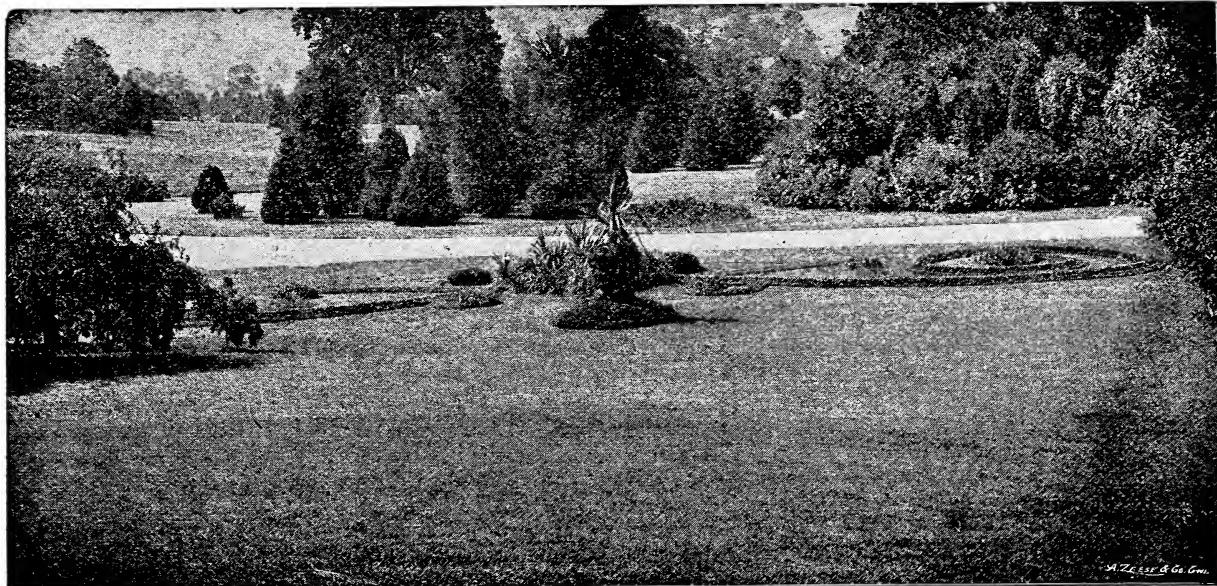
Hardy, resists extremes of drought and wet, yields large crops of superior pasture, and much liked by cattle. It is well suited to sowing on lands liable to wash, as its long fibrous roots spread over a wide area, and so interlace and hold the soil as to resist the heaviest rains. Can be planted on any kind of soil. Blossom heads round, resembling White Clover in shape, flesh colored, sweet and fragrant; much liked by bees. Sow 6 pounds per acre in spring or fall; 60 pounds to the bushel. Lb., 20c, not prepaid; bu., \$5.50; 100 lbs., \$10.00.



WHITE CLOVER.

GRASS SEEDS FOR LAWNS.

"The most beautiful thing that can be placed about a home is a well-kept lawn. It is the soul of the surroundings of a home. Not only is it one of the most beautiful but also useful features of the landscape. Grass is the carpet of the earth, and like the carpet of the house it should be used."



S. Z. L. & G. G. G.

ONLY with the best material

can the highest and most satisfactory results be obtained. *It is now a decided fact that seed will make a better lawn than turf or sod.* Such being the case great care should be taken to secure the best and cleanest seed.

Careful and thorough experiments have proved a mixture of different dwarf, hardy, quick-growing varieties to be the best, rather than any one kind. Such a combination of grasses is

BARNARD'S "Perpetual Green"

∴ LAWN MIXTURE

It is unequalled for tennis and croquet grounds. The grasses of which it is composed will in the shortest time possible produce a beautiful dwarf, compact turf, which will endure the summer heat, and insure a rich, deep green sward throughout the season. We take every precaution by the most painstaking cleaning to eliminate as far as possible all weed seeds. Lb., 35c, postpaid. **Not prepaid**, lb., 25c; 5 lbs. or more at 20c per lb., bags included.

BLUE GRASS. Its uniform growth, creeping habit and beautiful color make it desirable for lawns. This grass lives longer than all others. Fancy cleaned, lb., 30c, postpaid. **Not prepaid**, lb., 20c; 5 lbs. or more at 15c per lb.

Special Mixture

for "Shady Places."

WITH this mixture there need be no difficulty in getting grass to grow in the shade under the trees, etc., as it is a combination of grasses whose natural home is in woods and sheltered places. Lb., 40c., postpaid. **Not prepaid**, lb., 30c; 5 or more lbs. at 25c per lb., bags included.

Special rates quoted for large quantities.

THE QUANTITY TO SOW. It is unwise to be economical in the quantity of seed used if the best results are desired. One pound will sow a plot of six hundred square feet; 4 bush. (56 lbs.) to the acre.

"GOLF LINK" MIXTURE.

For links or grounds on which this most popular game is played we supply a mixture of grasses that will endure wear and tear and at the same time always present a fine sward. Lb., 40c, postpaid. **Not prepaid**, lb., 30c; 5 or more lbs. at 25c per lb.

WHITE CLOVER. Thrives in damp situations. We have some A1 seed, carefully cleaned. Lb., 30c, postpaid. **Not prepaid**, lb., 20c; 5 lbs. or more at 15c per lb.

RED TOP. Desirable where an immediate effect is sought. Fancy cleaned seed, free from chaff, lb., 30c, postpaid. **Not prepaid**, 25c; 5 lbs. or more, 20c per lb.

Chicago Lawn Fertilizer

DRY. CLEAN ODORLESS

it always contains more or less weed seeds. **There are no weed seeds in this fertilizer.** It will impart to your lawn that much desired dark green and velvety appearance. Should be applied as a top dressing either in spring or in fall.

QUANTITIES TO USE AND PRICES:

| | |
|---|--------|
| 10-lbs. bag for 1,000 sq. ft. of lawn, or 500 sq. ft. of garden | \$.50 |
| 25-lbs. bag for 2,500 sq. ft. of lawn, or 1,200 sq. ft. of garden | 1.00 |
| 50-lbs. bag for 5,000 sq. ft. of lawn, or 2,500 sq. ft. of garden | 1.75 |
| 100-lbs. bag for 1/4 acre of lawn, or 1/8 acre of garden | 3.00 |
| 200-lbs. bag for 1/2 acre of lawn, or 1/4 acre of garden | 5.50 |

garden, it is one of the very best. 4 lbs., 25c; 10 lbs. 45c; 100 lbs., \$2.00, **not prepaid.** (*Postage 10c per lb. extra.*)

PULVERIZED SHEEP MANURE.

As a top-dressing for lawns it is unequalled, being free from weed seeds, and exceedingly stimulating. For lawns it should be used at the rate of 500 pounds per acre. As a fertilizing agent for plants indoors, and in the open

FLOWER SEEDS

WILLIAMS VINECLOUD

GENERAL CULTURAL DIRECTIONS:

MOST flower seeds germinate well in a rather light sandy loam, exposed to the sun, while a few are benefited by partial shade, and some do best with an element of clay finely mixed with the soil. Nearly all the hardy seeds vegetate better when planted in early spring as soon as the soil can be worked fairly easily.

A general rule for the seed-bed is to have the soil rich, level and worked very finely. Sow the seed evenly in the rows, cover with the finest of soil, about three times the diameter of the seed, and press the soil firmly over the seed. The soil should never become dry after the seeds have swelled, for if it does, they will be pretty sure to fail. For this reason it is best to sow most small seeds in shallow boxes 2 to 3 inches in depth and of any convenient size, that the surface of the soil may be kept properly moistened.

After the seeds are up, care must be taken to give them plenty of air and moisture, and yet not too much water, or they will "damp-off" (rot at the top of the ground). As soon as the second leaves are well out they should be transplanted into pots or new boxes. When finally transplanted to the bed or border they should be watered frequently until well established.

ANNUALS grow, bloom and die the first year from seed. They are all of easiest culture.

BIENNIALS flower the second year, sometimes the third, then die. Some bloom the first year.

PERENNIALS usually bloom the second season and continue in life several years.

In this catalogue we abbreviate the classifications as follows:

A to designate Annuals. E for Everlastings.

B for Biennials. C for Climbing Plants.

P for Perennials.

G. P. for Greenhouse Plants.

As to hardiness: H, hardy, H H, half-hardy, T, tender.

PLEASE ORDER FLOWER SEEDS BY NUMBER as it will save time in writing

and also in filling the order.

ALL FLOWER SEEDS will be sent prepaid at prices mentioned in this Catalogue.

DISCOUNTS. All purchasers of flower seeds in packets and ounces are entitled to liberal discounts. See top of order sheet and page ... of catalogue.

SIZE OF PACKETS. Our packets are well filled, so much so that they usually contain sufficient for two or more sowings.

SEEDS FOR SPECIAL PURPOSES

The following list will be found useful in making selections of suitable varieties for a given object.

LOW GROWING PLANTS

For Beds and Edgings.

Ageratum, Alyssum, Browallia, California Yellow Bells, Calliopsis, Campanula, Candytuft, Chrysanthemum, Daisy, Dianthus or Pinks, Escholtzia, Feverfew, Forget-me-not, Godetia, Heliotrope, Mignonette, Marigold (dwarf), Nasturtium (dwarf), Pansy, Phlox Drummondii, Poppy, Portulaca, Torenia, Verbena, Violets, Zinnia (dwarf).

CLIMBING PLANTS

For Porches, Etc.

Adlumia, Balloon Vine, Canary Bird Flower, Cobaea, Cypress Vine, Dolichos, Moonflower, Nasturtium (tall), Scarlet Runner Beans, Sweet Peas, Thunbergia.

For Fragrant Flowers.

Sweet Alyssum, Candytuft, Carnation, Four O'clock, Heliotrope, Mignonette, Pansy, Nasturtium, Stocks, Sweet Pea, Verbena, Violet, Wallflower.

FOR BOUQUETS.

14 Pkts.

"ONLY A QUARTER."

Sweet Alyssum. Agathaea. double mixed. Calliopsis. Carnation, Margaret. Candytuft. Convolvulus, Minor. China Pinks. Nasturtium, tall. Pansy, mixed. Sweet Peas, mixed. Zinnia, mixed. Price, the entire 14 pkts., 25c.

TALL GROWING PLANTS

For Backgrounds and Centers.

Abutilon, Adonis, Antirrhinum, Aquilegia, Aster, Balsam, Calendula, Canna, Castor Bean, Datura, Delphinium, Hollyhock, Helianthus or Sunflower, Lupins, Marigold, Mirabilis or Four O'clock, Nicotiana, Perilla, Salvia, Stocks, Sweet Williams, Zinnias.

FOR CONSTANT BLOOM.

Sweet Alyssum, Candytuft, Carnation, Celosia, Escholtzia, Nasturtiums, Petunias, Phlox Drummondii, Pinks, Portulaca, Sweet Peas, Verbena, Zinnia.

For Vases and Baskets.

Abronia, Alyssum, Gilia, Kenilworth Ivy, Lobelia, Maraundia, Mimulus, Nasturtium Lobb's, Nierembergia, Schizanthus, Sedum, Vinca, Verbena.

WILD FLOWER GARDEN MIXTURE.

These mixed flower seeds embrace more than a hundred varieties of such easy growing and pretty flowers as are suitable for forming a wild flower garden. They are very useful for woodlawn walks, roadsides, railroad embankments and for sowing alongside of fences, and on any untidy bare spots of ground which are so frequently unsightly and which, if properly cared for and kept free from weeds, produce a continual display of bloom during the summer. Pkt., 5c.; oz., 25c.

For the Latest Novelties and Recent Introductions see front pages.

GENERAL LIST OF FLOWER SEEDS



AGERATUM.

AGERATUM.

A plant of neat erect, bushy appearance; long bloomer, fine for bouquets. H. H. A.

Pkt.

- 2017 Dwarf Blue, 9 in 3c.
- 2022 " White, 9 in 3c.
- 2023. " Mixed, 9 in 3c.
- 2024. Tall Blue, 18 in 3c.
- 2025 " White, 18 in 3c.
- 2032 " Mixed, 18 in 3c.

AMARANTHUS.

Rapid growing plants. They have handsomely colored foliage and are very showy in large beds. Sow seed early and set out in rather poor soil in May or June to get best effects in color. H. H. A.

2033. *Caudatus*. (Love Lies Bleeding.) Long, dark, red drooping flower spikes. 2 to 3 feet. Pkt., 3c.

2038. *Salicifolius*. (Fountain Plant.) Drooping, willow-shaped leaves, handsomely variegated 3 ft. Branches out freely. Pkt., 5c.

2039 *Tricolor*. (Joseph's Coat.) Leaves bright red, yellow and green. 2 ft Pkt., 3c.

2040. Many varieties mixed. Pkt., 3c.

AMPELOPSIS VEITCHII.—(JAPANESE OR BOSTON IVY.)

2045. A hardy perpetual woodbine climber from Japan. Leaves small, deeply cut, olive-green, changing to bright scarlet in autumn. Pkt., 10c.

For prices of Plants see "Climbing Plants"

ANEMONE.—(WINDFLOWER)

2046. Easily grown from seed, blooms in autumn. Bulbs may be taken up and stored during the winter like Dahlias H P Pkt., 5c.

ANTIRRHINUM.—(SNAPDRAGON)

Showy flowers for cutting. The dwarf sort make pretty edgings, and both kinds bear a mass of flowers. H P. but blooms first year.

2047. Tall, Mixed, 2 ft. $\frac{1}{4}$ oz., 15c. Pkt., 3c.

2048. Dwarf, Mixed, 18 in $\frac{1}{4}$ oz., 20c. Pkt., 3c.

AQUILEGIA.—(COLUMBINE)

Splendid for bouquets. Curiously shaped beautiful flowers. Blooms very early. 2 ft H. P.

2049. *Chrysanth*. Bright golden yellow. Pkt., 5c.

2050. *Corulea*. Violet blue and white. Pkt., 10c.

2051. Single. All colors mixed. Pkt., 3c.

2056. Double. All colors mixed. Pkt., 3c.

2000 *ABRONIA*. Trailing plants with Verbena-like fragrant flowers. In beds sometimes one plant covers a yard square and is full of bloom. Best colors mixed. H. H. A. Pkt., 5c

2001 *ABUTILON*. Fine house plant for winter blooming. Bell-shaped flowers H. H. P. Pkt., 10c

2002 *ADONIS*. Hardy bedder Crimson. Blossoms throughout the season. Foliage is graceful and feathery. Height 1 ft A. Pkt. 3c

2007 *ADLUMIA*. (*Allegheny Vine*.) Likes shade. Pink and white flowers. Fern-like foliage Cl. Pkt., 5c



LOVE LIES BLEEDING.

SWEET ALYSSUM.

2057 An old favorite as easily grown as a weed. Thrives in flower gardens, window boxes, vases, etc. Flowers white, very fragrant, valuable for cutting, 9 in H. A. Oz., 25c. Pkt., 3c.

ALYSSUM, Little Gem.

2058 This variety grows about six inches in height. Flowers pure white, fragrant, borne in profusion. Suitable for edgings and low beds. More than four hundred clusters of flowers in full bloom have been counted on a single plant. $\frac{1}{2}$ oz., 20c.; Pkt., 5c.

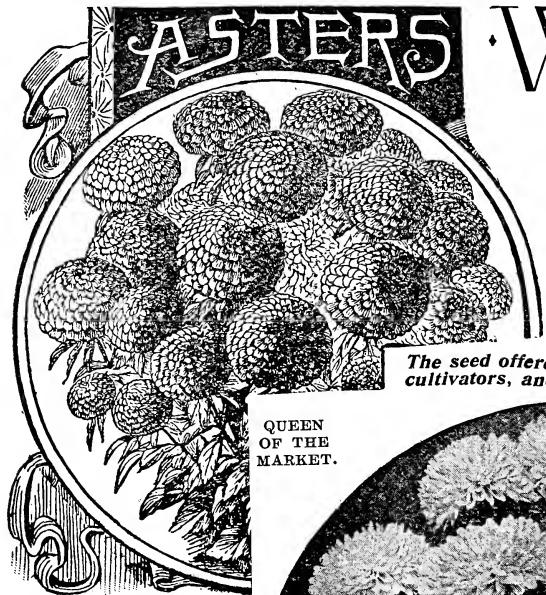
2068. *Saxatile*. Golden yellow flowers. Blooms in spring. H. P. Pkt., 5c.

Agathea.—(BLUE DAISY.)

2012. In appearance is exactly like the Marguerite or Paris Daisy, except its flowers, which are sky-blue with yellow disc. Easily grown, free blooming and valuable for culture as a winter flower. H. A. Pkt., 5c



AQUILEGIA.

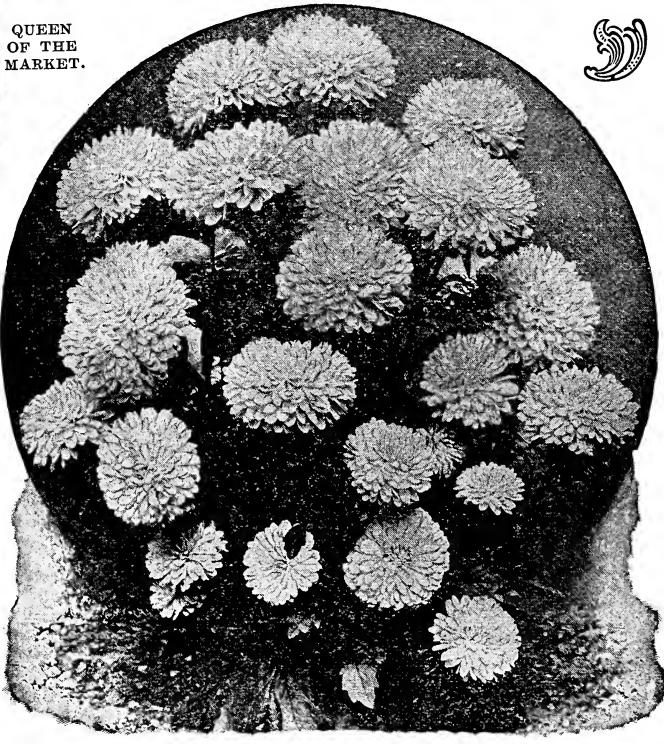


QUEEN OF THE MARKET. Blooms three weeks earlier than other Asters. Plants are dwarf, about one foot high, branching and free flowering. Flowers are borne on long stems, which adds much to their value for cut flowers. Does well under glass.

2327. White. Pkt. 5c
2344. Mixed. Pkt. 5c

Snowball or Princess.

2172. A very beautiful and distinct Aster, having very short, thick petals, the flower bearing a resemblance to a dwarf or pompon Dahlia. A single plant will generally yield fifteen or more pure white flowers. Pkt., 10c.



ASTER, DAYBREAK.

... NEW ASTER, DAYBREAK ...

COLOR, LIGHT, DELICATE PINK.

2194. The accompanying illustration, from photograph, shows one of the vigorous, free-blooming plants of DAYBREAK ASTER. The delicate pink color, erect and graceful habit, and immense display of flowers when seen in mass, is simply charming beyond description. The plant is of a robust and sturdy habit of growth, producing the large flowers on long and graceful stems, making it a most excellent Aster for cut flowers. Pkt. 10c.

Vick's Branching.

These are quite distinct from Semple's. The flowers, four inches across, are produced on stems 15 to 20 inches long. The branching habit is so great that one plant has covered a space two and one-half feet square.

2124. Snowy White. Handsome flower. Pkt. 10c.
2125. Mixed. Above and others. Pkt. 10c.

MIGNON.

One of the finest Asters for cut-flower work. Flowers are of good size, like those of Victoria, and more freely produced. Height about fifteen inches. Blooms almost continuously.

2083. Pure White. Pkt. 10c.
2084. Mixed. Pkt. 10c.

CROWN.

The flowers of this class are two colored. The centre of each is pure white, with outer petals of various colors, such as crimson, blue, violet, etc. A large, full, double flower. Height two feet.

2126. Mixed colors. Pkt. 10c.

WHEN almost all other flowers of the summer have passed, Asters come into bloom. For that reason, as well as on account of their very beautiful flowers of varied form and color, Asters are popular with flower love:s the world over.

They may be sown in the open ground after danger from frost is past. Stronger plants and earlier flowers can be obtained by sowing in a light window, hot bed or greenhouse. They require rich, loamy soil, and in dry weather should be mulched with well rotted manure to produce large flowers, yet they will succeed admirably in the most ordinary garden soil.

The seed offered has been grown by the most expert cultivators, and saved from double flowers only.

Semple's...
Branching
Asters.

THIS Aster is a strong grower and its tendency to form numerous branches is very marked, therefore it should have more room than the ordinary Aster. The plant continues to grow later in the season than any other variety with which we are acquainted, and blooms correspondingly late, thus giving its crop of flowers in late autumn, a season when there is always a scarcity of bloom.

The flowers are borne on very long stems and are four inches and more in diameter. The petals are broad, long, and many of them more or less twisted or curled in such a manner as to give the blooms the appearance of large, loose and graceful Chrysanthemums.

The Branching Aster is easily grown from seed and is of great utility and beauty for bedding purposes, coming at a season when there is little else in flower, anticipating as they do the Chrysanthemum season by a month or six weeks.

We offer this strain in five separate colors and mixed.

| | |
|---------------------|----|
| 2174. White, - - - | 5c |
| 2179. Pink - - - | 5c |
| 2180. Lavender - - | 5c |
| 2190. Crimson - - - | 5c |
| 2191. Purple - - - | 5c |
| 2185. Mixed - - - | 5c |



BRANCHING ASTER.

..ASTERS...Continued.

TRUFFAUT'S PAEONY FLOWERED.

For size of flowers, beauty of colors and habit of plant, this Aster is almost unrivaled. Flowers are incurved like those of a Peony, and of beautiful form with rich, brilliant colors. Plants grow about two feet high, stout and vigorous.

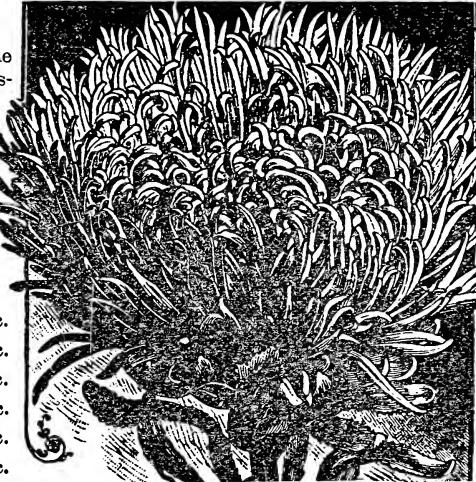
Pkt.

| | |
|---|------|
| 2085. Pure White..... | 7c. |
| 2091. Rose..... | 7c. |
| 2092. Blood Red..... | 7c. |
| 2097. Light Blue..... | 7c. |
| 2098. Dark Blue..... | 7c. |
| 2100. Dark Crimson..... | 7c. |
| 2102. La Superbe, sky blue..... | 7c. |
| 2107. Mixed Colors..... | 5c. |
| 2112. Imported Collection, 6 distinct colors. | 25c. |

COMET OR POODLE.

Next to the Victoria aster, the Comet is the handsomest of tall growing Asters; it possesses many distinct characteristics, making it especially desirable. The flowers are handsome, very attractive, with long, curled and twisted petals formed into a large globe-shape. The giant flowered class have even larger flowers. All are produced on long stiff stems, making these Asters useful for corsage bouquets as well as for cut flowers.

| | |
|-------------------------------|-----------|
| 2135. Giant White | Pkt. 10c. |
| 2134. " Mixed..... | " 10c. |
| 2127. Comet, Pink and White.. | " 10c. |
| 2127a. " Deep Rose..... | " 10c. |
| 2133. " Light Blue..... | " 10c. |
| 2136a. " Mixed | " 10c. |



NEW JAPANESE ASTERS.

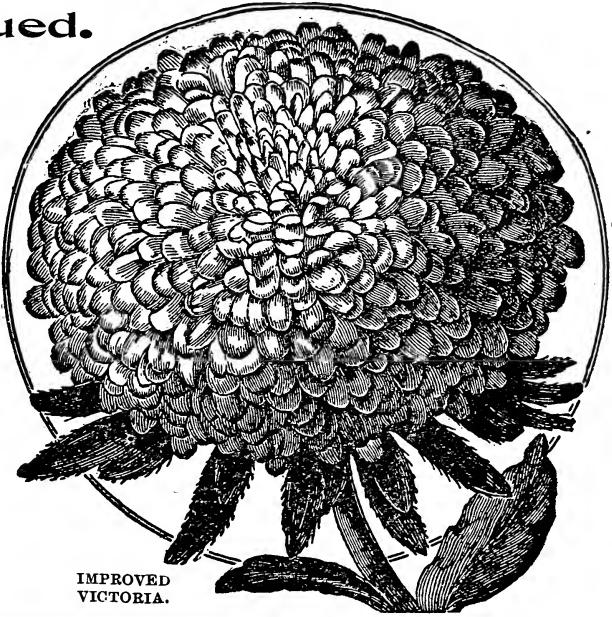
IMPROVED VICTORIA.

Among the tall growing Asters, having large double globe-shaped flowers, this is one of the most handsome. Plants grow about twenty inches high, each one carrying from ten to twenty flowers. Our strain of seed is of unexcelled quality.

Pkt.

| | |
|---|------|
| 2069. White..... | 10c. |
| 2070. Rose..... | 10c. |
| 2071. Carmine..... | 10c |
| 2076. Light Blue..... | 10c. |
| 2077. Dark Blue..... | 10c. |
| 2078. Crimson..... | 10c. |
| 2079. Finest Mixed.... | 10c. |
| 2080. Imported Collection, 6 distinct colors. | 35c. |

IMPROVED VICTORIA.



VARIOUS ASTERS.

GIANT "SILVER TIPPED." New. These California Asters form a new section. They grow about 18 inches high and branch freely. The flowers are about three inches across with broad recurved petals, each of which is tipped with silvery white.

| | |
|--------------------------------|--|
| 2137. Silver Tipped Pink..... | Pkt. 15c. |
| 2137a. Silver Tipped Blue..... | Pkt. 15c. One Pkt. of each for 25c. |

DWARF BOUQUET. Grow about one foot high. Each plant produces 15 to 20 blooms. Useful to form edgings to flower beds

| | |
|-----------------------|----------|
| 2146. White..... | Pkt. 5c. |
| 2156. Crimson | " 5c. |
| 2161. Pink | " 5c. |
| 2162. Dark Blue | " 5c. |
| 2167. Mixed..... | " 5c. |

2173. TRIUMPH. As the Queen is the largest so is Triumph the most beautiful of dwarf Asters. Each plant in bloom makes a scarlet bouquet. Grows eight inches high. Splendid for pot culture. Pkt., 7c.

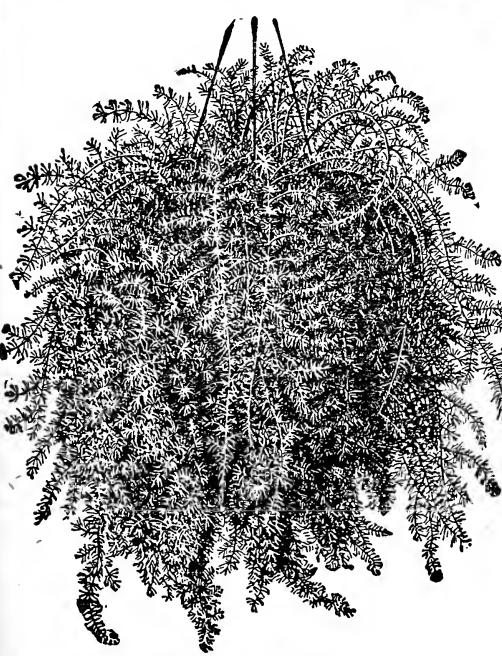
DWARF QUEEN. For bedding and pot culture. Splendid for cutting. Height one foot.

| | |
|--------------------|--------------------------------|
| 2138. White | Pkt. 10c. |
| 2139. Crimson..... | " 10c. |
| 2145. Mixed..... | " 10c. One of each for 25c. |

OUR OWN MIXTURES.

Some of our patrons possibly would like a bed composed of a general and varied assortment of Asters, containing all the classes. We have therefore prepared two special mixtures of tall and dwarf varieties. One pkt. of seed will suffice for an ample quantity of plants to furnish a continuous supply of bloom.

| | |
|------------------------------|-----|
| 2123. Asters, tall mixed.... | 5c. |
| 2193. Asters, dwarf mixed.. | 5c. |



ASPARAGUS SPRENGERI.



CAMELLIA FLOWERED BALSAMS.

Begonias.

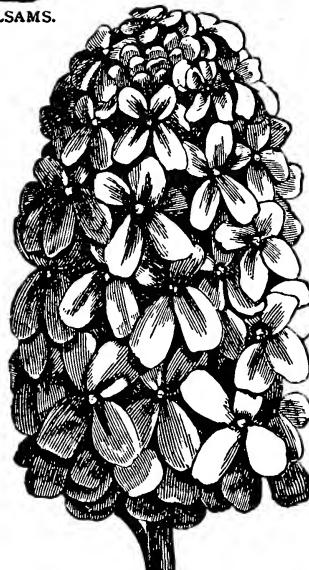
As bedding plants there is nothing to equal the Tuberous Rooted Begonia. They bloom equal to the geranium, but with a form and variety of colors and shading equal to the rose.

Tuberous Rooted Begonias are easily grown from seed, and if sown in February or March bloom the same year. They carry a profusion of scarlet, pink and white flowers and make a grand bed in a somewhat shady place. For winter plants sow in August.

2226. Single. Mixed. Pkt., 20c.
2227. Double. Mixed. Pkt., 20c.

FIBROUS ROOTED.

2232. **Begonia Rex.** Grown for their large, beautiful, ornamental leaves. Unexcelled as window plants. Pkt., 20c.



CANDYTUFT EMPRESS.

...BEGONIA VERNON...

2237. No summer bedding plant or winter window bloomer comes more readily from seed and is so constant in flower as this. It stands the hottest sun, is at all times covered with blood red flowers, while its dark green waxy-like foliage makes a pleasing contrast Pkt., 10c.

For Begonia Bulbs see Bulb Department.

2238. **CALANDRINIA Umbellata.** Beautiful creeping plants, adapted for planting in rock-work or edgings. Bright crimson. Six inches. H. A. Pkt., 3c.

— CANDYTUFT —

A dwarf growing annual, for edgings and beds; indispensable for cut flowers. Sow early where plants are to bloom. Keep seed heads picked off. Grows about one foot high.

- | | |
|--|---|
| 2242. Carmine. Pkt., 5c. | 2244. White Rocket. Tall |
| 2243. Crimson. Pkt., 5c. | flower spikes. Pkt., 5c. |
| 2260. EMPRESS. White, with large flowers. Pkt., 7c. | 2249. Dwarf White. Pkt., 5c. |
| 2255. Sempervirens. Perennial; glossy leaves, white; six inches. | 2254. Mixed. $\frac{1}{2}$ oz. 10c. Pkt., 3c. |

..BALSAMS..

Showy annuals that are universal favorites. To grow these to perfection, start the seed in house or hot bed, subsequently transplanting into very rich soil in the garden. Set about fifteen inches apart. Stimulate by weekly applications of manure water.

Improved Camellia-Flowered Balsams.

The best of all Balsams. Flowers very large, perfect in form, as double as the Camellia and produced in abundance.

Any of the following separate colors pkt., 7c.:

- | | |
|--------------------------|--|
| 2200. Scarlet. | 2202. Yellow. |
| 2201. Crimson. | 2203. Solferino. White with scarlet spots and stripes. |
| 2206. White. | |
| 2207. Mixed. Many colors | Pkt., 5c. |
| 2208. WHITE PERFECTION. | Very large double, pure white flowers. Finest White Balsam in cultivation. Pkt., 5c. |
| 2209. CARNATION STRIPED. | Marked and striped like Carnations Pkt., 5c. |
| 2210. Double Balsams. | Mixed. $\frac{1}{2}$ oz., 35c.; pkt., 5c. |

BALLOON VINE.

2213. Rapid growing annual. Reaches five feet if grown on warm soil. Flowers white. Pkt., 3c.

— BROWALLIA —

2214. Annual, suitable for bedding in summer and house culture in winter. One and one-half ft. Mixed. Pkt., 3c.

2215. **CACALIA.** The Tassel-flower. Prized for bouquets. Easily grown. One and one-half foot. H. A. Pkt., 3c.

— CALCEOLARIA —

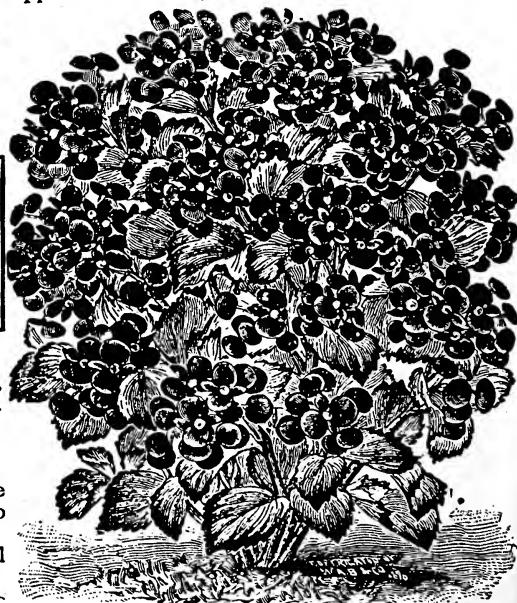
Prized as among the most showy plants for house culture. They are in bloom about three months and have curious pocket-like flowers in various colors. Eighteen inches. T. P.

2239. Tall. Mixed Pkt., 25c.
2240. Dwarf. Mixed. Pkt., 25c.
2241. Rugosa. For bedding. Pkt., 25c.

UMBRELLA PLANT.

Cyperus Alternifolius.

2265. A strikingly handsome foliage plant, equally well adapted for the greenhouse or open ground, and easily raised from seed. The leaves are striped with white, giving the plant a distinct appearance. Pkt., 10c.



BEGONIA VERNON.

CARNATIONS

Are prized for their delightfully fragrant and lovely flowers. They are valuable for flower beds in summer and as winter blooming house plants. Eighteen inches. H. H. P.

BLOOMING THE FIRST SEASON

MARGARET CARNATION.

2267. These lovely Carnations are of dwarf habit, requiring no support. They bloom in about four months after sowing the seed, yielding a profusion of fragrant fringed flowers, white, red, pink, variegated and others. By lifting the plants in fall or repeated sowings flowers may be had all winter. Mixed. $\frac{1}{8}$ oz., 25c.; pkt., 5c.

2266. Pure White. Pkt., 5c.

GIANT MARGARET.

A greatly improved strain, producing double flowers three inches across. There is also a greater variety of colors, while the semi-dwarf habit and fragrance is retained. Mixed. Pkt., 10c.

2272. Chaubaud's Perpetual. Blooms in seven months. Large, sweet-scented flowers, in same colors as Margaret. Height, sixteen to twenty inches. Pkt., 10c.

2273. Guillaud. Selected from the Margaret. In this strain are found clear yellow and yellow striped flowers. Pkt. 10c.

CARNATIONS BLOOMING THE SECOND SEASON.

2278. Grenadin. Very early. Dwarf habit. Scarlet flowers; splendid for cutting. Endures the winter with slight protection. Pkt., 5c. 2292. White. Pkt., 10c.

2279. Perpetual or Tree. Fine for winter flowering. Pkt., 15c.

2280. Double Dwarf Vienna. The earliest garden sort. White, sweet-scented flowers. Pkt., 10c.



MARGARET CARNATION.

2285. PICOTEE. Fine double mixed. Flowers white or yellow, bordered with purple, red or rose. Pkt., 25c.

2290. CARNATIONS. Double finest mixed. This seed will give very favorable results. Pkt., 10c.

2291. Fine Mixed. A small percentage will come single. Pkt., 5c.



**Canary
Bird
Flower.**

2300. A beautiful climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. Pkt., 5c.



CELOSIA—TRIUMPH OF THE EXPOSITION.

Canterbury Bells.

Campanulas thrive in light, rich soil. Worthy a place in every garden. Rich, showy flowers. Two and one-half feet. B.

2367. Double. Pkt., 3c.

2368. Single. Pkt., 3c.

2369. Cup and Saucer. So called from the very large handsome flowers which resemble these household articles. Rose, striped and others mixed. Pkt., 5c.

Celosia or Cockscomb.

Excellent bedding or pot plants, producing their flowers in combs and feathery spikes. H. H. A.

2373. Crested, crimson. Tall, two feet. Pkt., 5c.

2374. Crested, crimson. Dwarf, one foot. Pkt., 5c.

2375. Crested, mixed sorts. Pkt., 5c.

2376. PRESIDENT THIERS. Very dwarf. Crimson. Much used in bedding. Fine pot plant. Pkt., 10c.

2377. Empress. Crimson comb of colossal size. Pkt., 10c.

2378. Triumph of the Exposition. Feathery flower heads of brightest scarlet. Blooms early and the entire season. 2 feet. Pkt., 5c.

CALLIOPSIS or Coreopsis.

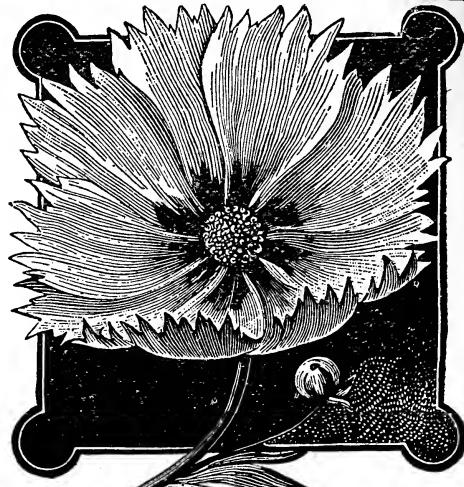
The Calliopsis or Coreopsis is among the brightest and cheeriest of flowers. Because they grow anywhere and as freely as a weed they are not seen as frequently as should be. The flowers are produced on long stems thrown well above the foliage. The Calliopsis blooms all summer and its flowers are *unexcelled for bouquets*.

2479. *Golden Wave (Drummondii)*. Plant is bushy and compact; flowers large, rich golden yellow with crimson-brown center. For a mass of golden yellow this is very effective. Pkt., 5c.

2478. *Calliopsis*. All colors mixed. Pkt. 3c.

NEW HARDY COREOPSIS, "California Sunbeams."

2493. *Lanceolata Grandiflora*. These lovely improved varieties are much larger and more beautiful than any heretofore offered; the flowers are exquisitely formed, some saucer-shaped, others cupped, delicately incurved, while some are quite flat, others like great Buttercups. The petals are broad, with plain round edges in some flowers; in others they are pinked, toothed or irregularly fringed; some are semi-double; in many the petals are daintily curled. They vary in color from pale light yellow to orange yellow, some of them being darker in shade around the eye. The flowers keep fresh in water for a week or ten days. Pkt., 10c.



CALLIOPSIS, GOLDEN WAVE.

DWARF FRENCH CANNAS. LARGE . . . FLOWERED.

For Canna Roots see Bulb Department.

Cannas within recent years have become most popular. They are stately plants with handsome foliage and showy flowers. The seeds are extremely hard and it is advisable to soak them 12 to 24 hours before planting. Cannas come readily from seed; that sown in January or February should produce blooming plants in July. After frost the roots can be dug up and kept over in a frost-proof room until planting out time.

2425. *Large Flowering French*. Saved the best and largest flowers on'y. All colors and shades are included. Pkt., 10c.

2426. *Cannas Mixed*. Tall old type. Pkt., 3c.

CHRYSANTHEMUMS

JAPANESE.

2444. Almost every large city now has its Chrysanthemum show each fall. The magnificent and enormous flowers elicit universal admiration. Seed we offer is from the best Chinese and Japanese. If this seed is sown in a hotbed in February or March, or even in April it will give plants which will bloom next fall. Some very choice varieties may be expected from this seed. Pkt., 25c.



CHRYSANTHEMUM MAXIMUM.

CHRYSANTHEMUMS

ANNUAL VARIETIES.

The annual Chrysanthemums are distinct from the autumn flowering varieties, blooming all summer long. They make a beautiful show grown in pots or in beds, and are extensively grown as cut flowers.

2434. *Single. Mixed*. Pkt., 3c.

2439. *Double. Mixed*. Pkt. 3c.

HARDY PERENNIAL SORTS.

2445. *Frutescens Grandiflora*, ('French Marguerites.') Largely grown for cut flowers. They make elegant bushy pot plants for winter flowering, and bloom all summer in the garden. White. Pkt., 5c.

2447. *C. Maximum Perfection*. Beautiful large white flowers, splendid substance, 4 to 6 inches across. A compact, bushy plant, 18 inches high; very floriferous. Flowers in a few weeks from seed. Highly prized for cutting, and lasting in water fully a week. Very effective for garden. Pkt., 10c.

White Leaved CENTAUREA, or Dusty Miller.

Valuable bedding plants or for use in vases and hanging baskets; contrast effectively with dark foliaged plants. H. H. P.

2401. *Candidissima*. Silver white. 1 ft. Pkt., 10c.

2403. *Gymnocarpa*. Deeply cut foliage. 1½ ft. Pkt., 5c.

Bachelor's Button or Centaurea Cyanus.

2399. An old favorite hardy annual, known as *Blue Bottle, Corn Flower, Ragged Sailor*, etc. It blooms readily almost anywhere and is largely used for cut flowers. Mixed colors in many shades. Pkt., 5c.

2404. *Emperor William*. Dark blue, very fine. Pkt., 3c.

2405. *Victoria*. A dwarf form of the favorite flower of Emperor William I., which grows only about 9 inches high, forming a bell-shaped plant. Its handsome blue color, so rare among flowers, will secure it a place in every garden. Pkt., 10c.; 3 for 20c.

2398. *Cyanus Fl. Pl. (Double Cornflower.)* Large, double globe-shaped flowers in new and beautiful colors. Pkt., 5c.

NEW CENTAUREA, Marguerite.

2397. This fine annual from Italy, named in honor of the queen of that country, has, after trial, proved of much merit. It is valuable alike for cut flower and decorative purposes. Grows about eighteen inches high. The large flowers are purest white, deliciously scented and borne on long stems. Pkt., 5c.

2396. *Chameleion Odorata*. This plant is a fitting companion for the lovely Marguerite above described. It produces large, fragrant, blue flowers, changing into white and again into pink. Pkt., 5c.



CENTAUREA MARGUERITE.

COSMOS

AN UNRIVALED PLANT FOR FALL BLOOMING.

WHEN grown in rows about 20 inches apart, or in masses in a bed, Cosmos produce a beautiful show. The early blooming sorts come into flower in *July and continue until November*. Each plant will reach a height of 3 to 4 feet covered with green feathery like foliage, and hundreds of daisy-shaped flowers borne upon long stems, making them most valuable for cutting for bouquets. The flowers retain their freshness for nearly a week after cutting. The colors are white, pink, crimson, and now a yellow has appeared. All are of great size, beautiful, dainty and handsome.

EARLY FLOWERING COSMOS, "Tints of Dawn."

Commences to bloom in July and continues until frost.

2508. This new variety comes into full flower in July, and continues a mass of bloom until cut down by severe frost. This feature will make the successful cultivation of Cosmos possible in the most northerly States and Canada; but added to this it is of dwarf, compact growth, growing only $4\frac{1}{2}$ feet high, while the old variety growing alongside towers up nearly 7 feet, a victim of the first strong wind. The flowers are fully as large as in the best selections of the old type, the color is a beautiful white, relieved by a tint of rose. Pkt., 5c.

GIANT FLOWERED FANCY COSMOS.

These gigantic flowers measure from four and a half to five inches across, and are of wonderful grace and beauty. They are of the greatest variety possible both in form and color, comprising both single and double flowers; petals fringed, pinked, toothed and plain, and in color from pure white through shades of pink and red to rich da• red—shades heretofore unknown among Cosmos.

2509. Giant Red.....10c.

2510. Giant White.....10c.

2511. Giant Pink.....10c.

2512. Giant Mixed.....10c.

3 pkts., all different, 25c.

2513. New Marguerite Cosmos.

Large flowers of from 2 to 3 inches across, petals deeply fringed, resembling Marguerites. Pkt., 10c.

ORANGE YELLOW COSMOS.

2514. This is entirely new both in color and habit. The plants grow 3 to 4 feet high with a mass of brilliant orange yellow flowers. They begin blooming very early, when only about 18 inches high, and continue until severe freezing weather. Pkt., 10c.

2427. CLEMATIS, Large Flowering.

Beautiful climber with lovely flowers in blue, white, purple, etc. Hardy, can remain in a permanent situation. Mixed. Pkt., 10c.

COBÆA SCANDENS.

2494. Magnificent, rapid growing annual climber with large bell-shaped purple flowers, adapted for out-door growth in summer also for the house and greenhouse. A thrifty plant will often grow 20 to 30 feet in one season. The seed should be planted edge down, and no water given unless in a warm place, and the soil becomes very dry. H. H. P.

2499. Cobæa Scandens. Wh. te. Pkt., 5c.

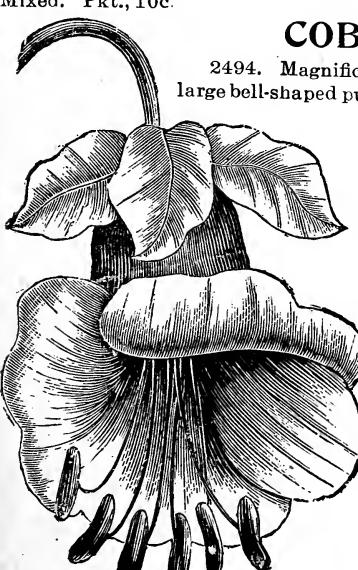
COLEUS.

Handsome foliage plants **most easily grown from seed** and very popular for bedding also for pot culture. The new, large leaved Hybrids with foliage notched and fringed in a most wonderful manner, are an immense improvement on other sorts. Seeds sown early in the spring will produce fine plants for outdoor planting. T. P.

2506. Finest Varieties in Mixtue. 1 to 2 feet. Pkt., 10c.

2507. New Large Leaved Hybrids. Very large and superbly variegated foliage. Mixed. Pkt., 25c.

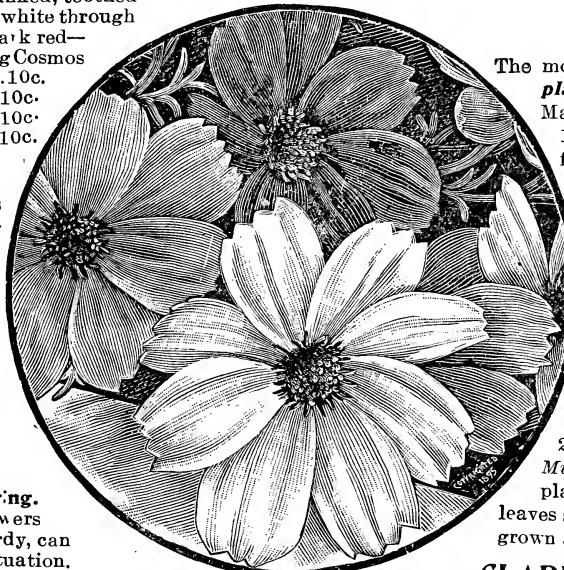
COBÆA SCANDENS.



CINERARIA GRANDIFLORA HYBRIDA.

CINERARIA.

The most popular and *the easiest house plant to grow from seed*. Sow from May to September. Plants grow from 1 to 3 feet high and are covered with flowers, some of them 2 inches across. Greenhouse perennial.



2387. ENGLISH PRIZE STRAIN. Without an equal for size of flowers or beauty of color. This is the strain we supply to florists and it gives such universal satisfaction we have discarded all others. Pkt., 25c.

2390. Cineraria Maritima. (*Dusty Miller*) Extensively used for ribbon-planting, vases, hanging baskets, etc.; leaves silver gray; although perennial it is grown as an annual. Pkt., 5c.

CLARKIA. Pretty annual for flower beds, Flowers red, white, pink, purple, etc. Grows about 18 inches high and blooms freely all summer.

2415. Single, 3c. | 2416. Double, 3c.

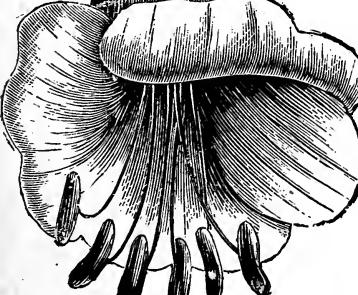
2505. CLANTHUS Dampieri. The "Australian Glory Pea." A beautiful shrubby trailer. Flowers pea-shaped, in clusters, bright scarlet with clear, glossy black center. 3 ft. H. H. A. Pkt., 15c.

2504. CUPHEA Platycntra. (*Cigar Plant*) Flowers scarlet, tipped with black. A favorite bedding and pot plant. Pkt., 10c.

CYPRESS VINE.

IPOMEA QUAMOCЛИT.

2516. A handsome climber that will run 15 feet or more during the season. Should be planted by the side of a trellis, tree or stakes. Its beautiful dark green foliage and star-shaped flowers in clusters are a mass of beauty all summer long. Mixed. Pkt., 3c.



CYCLAMEN.

Tuberous rooted plants of beautiful foliage and handsome, fragrant flowers, scarlet, pink, white and these in different shades. Universal favorites for parlor or greenhouse for winter and spring blooming. They make flowering bulbs in one season if sown early in sandy soil. Comes easily from seed, insuring a supply of bulbs at trifling cost. G. P.



2518. *Persicum*. Best mixed varieties. Pkt., 20c.

GIANT FLOWERED CYCLAMEN.

A good specimen plant of this will frequently have fifty flowers open at one time. The leaves are proportionately larger, while the flowers are enormous, much brighter colored, and being on long, stout stems they are valuable cut flowers. Colors separate or mixed.

2522. *Light Red*. Pkt., 20c. | 2524. *White*. Pkt., 20c.
2523. *Dark Red*. Pkt., 20c. | 2517. *Mixed*. Pkt., 20c.

DAHLIA.

Tuberous rooted, fall blooming, outdoor plants, admired by everyone for their handsome flowers. Can be grown readily from seed which, if sown early in the house, will give blooming plants the same season. Colors, red, pink, white, yellow, purple, striped, variegated, etc. A packet of seed rarely produces two plants alike. Take up tubers soon as frost occurs in fall and preserve in a dry frost proof cellar. Two to four ft. H. H. P.

2525. *Double Large Flowered*. Sure to give splendid results. Pkt., 10c.

2526. *Single Mixed*. They make excellent cut flowers and are a mass of bloom all summer and fall. Star shaped flowers with broad petals in almost every color except blue. Pkt., 5c.

DELPHINIUM.—(LARKSPUR.)

Annual Varieties.

More commonly known as Larkspur. An old time annual of branching, erect habit, having showy flowers, red, white, blue, etc. Sow seed very early or even late in fall. Set branching sorts 2 feet apart. Rocket varieties, five or six inches apart.

2550. *Hyacinth Flowered*. The plants grow 2 to 3 feet high. The flowers very strongly resemble those of a Hyacinth, hence the name. Colors white, flesh tinted, lavender and blue in mixture. Easy to cultivate, but seed should be sown where the plants are to bloom. Mixed. Pkt., 10c.

2555. *Double Branching*. Valuable for cut flowers. Continues in bloom until cut down. Pkt., 3c.

2569. *Tall Rocket*. Mixed, fine. 1½ ft. Pkt., 3c.

2561. *Emperor*. Compact plant with numerous long spikes of brilliant double flowers; mixed. Pkt., 3c.

Perennial Varieties.

These are valuable plants for the permanent bed or border. Furnishing an ample supply of flowers.

2562. *Formosum*. Dark rich blue with a white center. 2 ft. Pkt., 5c.

2567. *Nudicaule*. Scarlet, dwarf, abundant bloomer. Fine for flower beds or pot culture. 1 ft. Pkt., 10c.

2568. *Pillar of Beauty*. Sky blue; of so bright a shade it must be seen to be appreciated. Pkt., 10c.

DOUBLE DAISY. (BELLIS PERENNIS.)

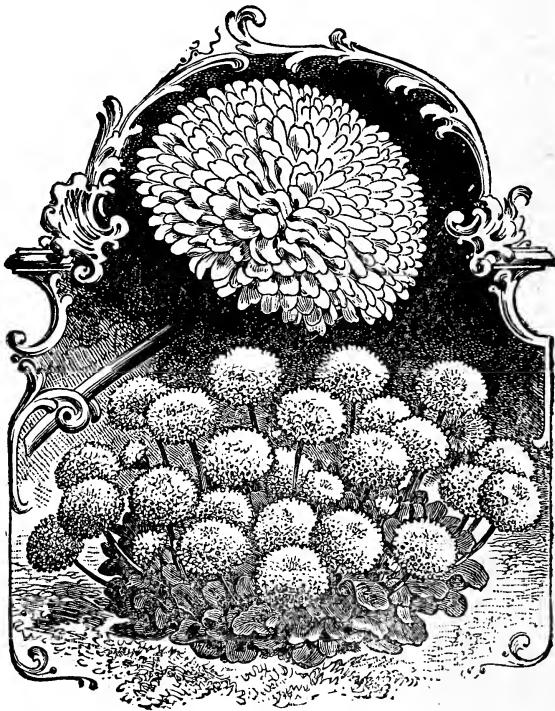
Charming plants indispensable for cool, shady places. Next to the Pansy the most popular garden flower. Seed sown early will give blooming plants in a short time. With protection Daisies will endure our winter and bloom in early spring. H. H. P.

2540. *Longfellow*. Double, dark pink flowers. Comes true from seed. Pkt., 5c.

2541. *Snowball*. A sport of Longfellow with pure white flowers. Free blooming and valuable for cutting. Pkt., 5c.

2542. *Double White*. Finest imported seed, saved from the most perfect flowers. A small proportion may come semi-double. Pkt., 5c.

2543. *Double Mixed*. An unsurpassed strain, including Longfellow and Snowball. Pkt., 5c.



DOUBLE DAISIES.

GIANT FLOWERED DAISIES.

2544. Remarkable for the enormous size and double-ness of their flowers. They are at least two or three times larger than the ordinary Double Daisies. The plants are stronger, bloom earlier and for a greater period. In color they run from snow white to blood red through pink, rose, etc. Mixed. Pkt., 10c.

2545. *Giant White*. The best double white Daisy. Enormous pure white flowers on long, stiff stems, making it valuable for cutting. Pkt., 10c.

DATURA.—(TRUMPET FLOWER.)

2527. Strong growing, branching plants, suitable for backgrounds and shrubberies. Trumpet-shaped flowers. White, lilac and yellow. Very showy. Mixed. Pkt., 5c.

2538. *Cornucopia*. (HORN OF PLENTY.) Leaves dark green, and the stem is brownish purple with a shining surface. The flower is trumpet-shaped, of immense size, often ten inches long and five inches wide at the mouth, with three cones or funnels, one within the other; the inside of tube of a delicate French white, marbled with royal purple on outside. Pkt., 10c.

DIGITALIS.—(FOX GLOVE.)

Showy plants of easy culture, with umble-shaped flowers borne in spikes. Prefer half shady place. 3 ft. H. P.

2539. *Splendid Mixture*. Three feet. Pkt., 5c.

Dianthus or Pinks.

Garden Pinks, like their relatives the Carnations, are flowers for everybody. They thrive in any soil, grow ten to fifteen inches high and are covered from early summer until overtaken by frost with beautiful sweet-scented flowers in various colors; variegated, striped, red, and some almost black. Splendid for bouquets. All bloom the first season, and some endure our winters, bloom again another year larger and more beautiful than before. With these good qualities they should have a place in every garden. H. B.

Double Flowering Pinks.

2570. **China or India.** Large flowers as double and fragrant as a Carnation. Many colors mixed. Pkt., 3c.

2574. **China White.** Double white flowers. Pkt., 5c.

2579. **Double White Japan.** Splendid flowers for bouquets. Two to three inches in diameter. Pkt., 5c.

2584. **Japan Pink.** In this will be found many beautiful colors. Very large flowers. Mixed. Pkt., 5c.

2589. **Striped and Fringed.** Grand fringed flowers of light grounds, all of them striped with some other color. Pkt., 5c.

2594. **Imperial.** Blood red ground striped with pink and white. Different from other striped sorts. Pkt., 5c.

2604. **Diadem.** Rich flowers generally of dark shades marked with black and white. Pkt., 5c.

2609. **Mourning Cloak.** One of the most striking flowers. Flowers are very double, of large size and in colors range from maroon and purple to almost velvet black, all sharply edged with clear white, making a beautiful contrast. Pkt., 7c.

MIXTURE OF DOUBLE PINKS. All the above double flowering pinks mixed. $\frac{1}{4}$ oz., 15c.; pkt., 5c.

SPECIAL OFFER.

2646. **Single and Double Pinks Mixed.** All the varieties described on this page will make a bed of beautiful flowers; scarcely two plants will be alike in bloom. $\frac{1}{4}$ oz., 15c.; pkt., 5c.



PHEASANT'S EYE PINK.



CHINA PINK.

For
Hardy
Grass Pinks
See Page 95

Single Flowered Pinks.

Formerly only double flowers were favorites; the prevailing taste tends towards single varieties. These single pinks are notable for brilliantly colored flowers of large size.

2611. **Single Fringed.** Mixed. Pkt., 5c.

2612. **Japan.** Blotched, striped and spotted. Pkt., 5c.

2613. **Crimson Belle.** Crimson flowers, beautifully fringed. Pkt., 5c.

2614. **Eastern Queen.** Beautifully fringed, marbled and suffused with carmine, rose, mauve and lilac. Pkt., 5c.

2615. **The Bride.** A very dwarf, compact plant, but with flowers of the largest size and of the richest possible combination of colors. The flower is a clear, pure white, with a radiant, glowing, crimson center, shading into a pink band next to the white border. Pkt., 5c.

2617. **MIXTURE OF SINGLE PINKS.** All the above single pinks in mixture. $\frac{1}{4}$ oz., 15c.; pkt., 5c.

Hardy Perennial Dianthus.

These form nice bushy plants twelve to eighteen inches high. They are unrivaled for permanent beds or edgings around borders. Flowers are fragrant and beautiful.

Pheasant's Eye Pink. Large, handsomely fringed, fragrant flowers of white, crimson or purple shades, spotted and variegated.

2618. **Single.** Pkt., 5c. | 2623. **Double.** Pkt., 10c.

Dolichos or Hyacinth Bean.

2628. A rapid growing annual climber, desirable for covering arbors, porches, trellises, etc. Flowers purple and white. Its seed pods are purplish in color, highly ornamental and edible. Ten feet. Pkt. 5c.

DRACÆNA OR CLUB PALM.

Ornamental leaved plants for vases and house decoration. T. P.

2633. **Australis.** Long, narrow, graceful foliage. Pkt., 10c.

2634. **Indivisa.** Thin leaves. Pkt., 5c. | 2635. **Lineata.** Pkt., 10c.

ESCHSCHOLTZIA. CALIFORNIA POPPY.

Hardy annuals, useful for beds or massing. They begin to bloom in a few weeks from spring sown seeds and continue to flower until late in the fall. The State flower of California. The large, saucer-shaped flowers are of a beautiful yellow, orange or white, the foliage is finely cut, giving the plants an exceedingly showy appearance. One foot. H. A.

2651. **Mandarin.** A new and very beautiful single variety. The outer side of the petals are brilliant scarlet, side rich orange. Pkt., 5c.

2652. **Rose Cardinal.** The flowers are of rich rose-colored hue, most effective and beautiful; single. Pkt., 5c.

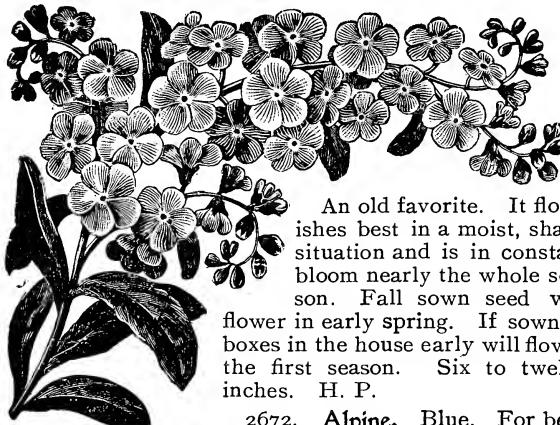
2653. **Single Mixed;** all colors. $\frac{1}{2}$ oz., 15c.; pkt., 5c.

2655. **Double Mixed;** all colors. $\frac{1}{2}$ oz., 25c.; pkt., 5c.

CALIFORNIA YELLOW BELLS.

EMMENANTHE PENDULIFLORA.

2656. Forms a broad bush eighteen inches to two feet high. Each of its branches is fairly loaded with bell-shaped drooping flowers of a delicate cream color. Excellent for bouquets. The flowers are almost everlasting, the corolla drying and retaining its shape until the seed has ripened. A. Pkt. 7c.

FORGET-ME-NOT. (MYOSOTIS.)

An old favorite. It flourishes best in a moist, shady situation and is in constant bloom nearly the whole season. Fall sown seed will flower in early spring. If sown in boxes in the house early will flower the first season. Six to twelve inches. H. P.

2672. **Alpine.** Blue. For bedding. One foot. Pkt., 5c.

2673. **Victoria.** Forms a neat compact bush about six inches high that at all times during the season is one mass of sky-blue flowers with yellow centers. A good sort for pot culture. Pkt., 5c.

2674. **Dissitiflora.** Compact habit, free bloomer. A bed of this when in bloom in spring is a lovely sight, a sheet of sky-blue flowers. Six inches. Pkt., 10c.

2680. **The Jewel.** A new and distinct variety of close, compact habit. Throws up forty to fifty flower stems of perfectly formed sky-blue flowers. Pkt., 10c.

2679. **Palustris.** The true Forget-Me-Not. Flowers dark blue with white eye. Pkt., 5c.

2681. **Mixed.** Small flowers, bushy growth. Pkt., 5c.

GERANIUM.

2682. **Single Mixed Zonale.** Pkt., 5c.

2683. **Apple Scented.** Leaves delightfully fragrant, prized for bouquets. Pkt., 10c.

GILIA.

Hardy annuals with finely cut foliage and clusters of small, delicate flowers, white, lilac and rose colored, desirable for cutting and especially suitable for bedding, rock work, etc. H. A.

2701. **Gilia.** Mixed colors. 12 inches. Pkt., 5c.

2702. **Dwarf White.** A pretty variety that is most desirable for beds on the lawn, parks or cemeteries. Pkt., 5c.

GREVILLEA. (SILK OAK.)

2704. Most profuse bloomer. A beautiful, graceful plant valued as a table decoration and when of large size for tropical effects on the lawn. 2 to 3 ft. G. P. Pkt., 10c.

EVERLASTING FLOWERS.

We group these under one head for convenience of ordering.

Everlastings or straw flowers as they are called are handsome plants, not only for beds and borders, but also as pot plants. They are of easiest culture and will grow in any soil. When the flowers are desired for drying for winter bouquets they should be cut before fully expanded and hung up in the shade to dry.

Any of the following, per pkt., 5c.; 6 pkts. for 25c.

2657. **Acroclinium.** Long stemmed, rose and white.

2662. **Gomphrena Globe Amaranth.** Mixed; all colors.

2663. **Helichrysum. Double Mixed.** Splendid for bouquets. Can be dyed to any desired color or shade.

2664. **Silver Ball.** Flowers immense size, double, white.

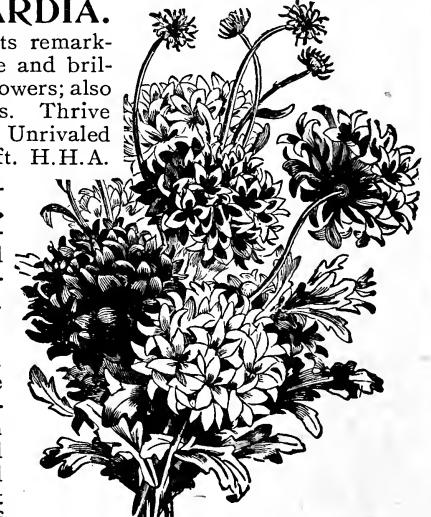
2665. **Helipterum Sanfordi.** A very pretty Everlasting. Flowers globe shaped; bright golden yellow.

2666. **Rhodanthe.** Richly colored flowers. Mixed.

2671. **Xeranthemum.** Very double flowers. Mixed.

GAILLARDIA.

Bedding plants remarkable for the size and brilliancy of their flowers; also do well in pots. Thrive in any soil. Unrivaled for cutting: two ft. H.H.A.



2693. **Grandiflora Superba.**

Splendid new variety. dark red with bright yellow border. Pkt. 5c.

2694. **Picta Lorenziana.** One

of the most useful annuals both for bedding and cutting. Saved from the finest double flowers of different shades

varying from sulphur-yellow to purple. Pkt., 5c.

2695. **Mixed.** Single. Pkt., 5c.

2696. **New Perennial Hybrids.** Flowers much larger than the older sorts and colors more brilliant and varied.

GOURLS.

Climbers with curiously shaped fruit in various colors; of rapid growth, suitable for covering walls, trellises, etc. 20 to 30 ft. T. A.

2607. **Nest Egg.** Fruit resembles in color, shape and size the eggs of hens and is far superior to glass nest eggs. Pkt., 5c.

2608. **Dish Cloth.** The matured fruit will furnish a natural dish cloth, sponge-like and porous, such as are sold in our prominent drug stores. The fruit grows about two feet in length. Pkt., 5c.

2699. **Sugar Trough.** Holds a gallon when well grown. Pkt., 5c.

2700. **Ornamental Gourds,** all kinds mixed. $\frac{1}{2}$ oz., 20c. Pkt., 5c.



GODETIA, WHITE PEARL.



HELIOTROPE.



HOLLYHOCKS.



HUMULUS JAPONICUS.

GLOXINIA.

Strikingly beautiful greenhouse plants. The magnificent colored flowers are large and bell-shaped, with blotched and spotted throats; 1 foot. T. P.

2703. **Choice Mixture of large flowering sorts.** Pkt., 25c.

GODETIA.

The dwarf and compact growing plants are literally covered with handsome flowers of the most brilliant colors. They are of easiest culture, will bloom well in any situation, and are deserving of more extended cultivation. H. A.

2710. **Godetia. All colors Mixed.** Pkt., 3c.

GYPSOPHILA, or Angel's Breath.

2111. An annual that thrives everywhere and furnishes the loveliest material for all kinds of bouquets, be they Roses, Carnations, Dahlias or anything else. The tiny little flowers are borne in abundance, on long, graceful, branching stems, which lend a most graceful light appearance. Pkt., 5c.; $\frac{1}{2}$ oz., 10c.; oz., 15c.

GYPSOPHILA PANICULATA—Baby's Breath.

2112. Flowers white; a hardy perennial, which will stay in the ground all winter. Pkt., 5c.

HELIOTROPE.

Heliotropes can be grown as readily from seed as Pansies or Verbenas. Sow in open ground in May, and the plants will bloom in August, and earlier if the seed is started in the house.

2723. **Dark Varieties Mixed.** Flowers deep blue, dark purple, some almost black. All very fragrant. Pkt., 5c.

2724. **Mammoth Flowered.** Flowers are twice the size of the older species, fragrance remarkably sweet, and the colors run from pure white to deep indigo. Pkt., 10c.

2732. **Mixed.** Many varieties and colors. Pkt., 5c.



MINIATURE SUNFLOWER.

HOLLYHOCK. (ALTHEA.)

Our Hollyhocks are grand, perfectly double, and of the most brilliant colors. The spikes of this strain are extraordinarily large and the flowers of most perfect form. Seed has been saved with greatest care from the choicest specimens only. Should be sown in June and July to get blooming plants the next summer. Early sown seed will occasionally bloom the first season. H. P.

- | | |
|--|-------------------------------------|
| 2740. Double White. Pkt., 5c. | 2755. Double Pink. Pkt., 5c. |
| 2741. — Crimson. Pkt., 5c. | 2748. — Yellow. Pkt., 5c. |
| 2742. — Salmon. Pkt., 5c. | 2753. — Maroon. Pkt., 5c. |
| 2743. Mixed Colors, above and others. Pkt., 5c. | |
| 2754. Chater's Superb Double Hollyhocks. Pkt., 10c. | |

EVERBLOOMING ALLEGHENY HOLLYHOCKS.

2765. This new variety *blooms the first year from seed*, and the flowers are most decidedly different than those of the old type. They are much larger, 4 to 5 inches in diameter, double and semi-double, fringed and curled. The colors are shell pink, rose and ruby red, a shade or two deeper at the center, and exquisitely tinted toward the edge. Mixed. Pkt., 10c.

HUMULUS JAPONICUS. (JAPANESE HOP.)

2766. This splendid climber in foliage resemble the old-time Hop but the foliage is more dense and exceedingly luxuriant, somewhat rough and hairy. Seed sown in the open ground in spring will produce very large plants in wonderful short time. Insect proof, withstands heat and drought and remains fresh until late in the fall. Pkt., 10c.

2767. **Variegated Hop.** For an unusually attractive climber we especially recommend this. It is just the thing to cover fences, rustic houses, etc. The leaves are distinctly marked and blotched white with yellow. In some cases the color approaches to almost white and again entirely green. The very dense and beautifully marked foliage remains on the vine until cut down by frost; the weather or insects have no effect upon it. Pkt., 10c.

*** HELIANTHUS OR SUNFLOWER. ***

Among the showiest and stately old-timers of the garden. In addition to the Mammoth Russian Sunflower so extensively cultivated for its seeds which are fed to poultry, we have included a few that make good plants for lawns, along fences, etc. The foliage of some is very handsome; others attract attention from their size. H. A.

SINGLE VARIETIES.**2714. Macrophyllus Giganteus.**

Of branching habit, single, yellow flowers, about eighteen inches in diameter. 8 ft. Pkt., 3c.

2715. **Miniature.** Flowers single bright orange, elegant in form, suitable for bouquets as they measure only about two inches across. Plants dwarf and very bushy with fine foliage. Bloom from July until frost. 3 ft. Pkt., 3c.

2716. **Mammoth Russian.** Flowers of immense size, from 16 to 20 inches in diameter. Seeds are used to feed birds and poultry. Pkt., 3c.; lb., 18c. postpaid. Not prepaid, 25 lbs., \$1.50.

2720. **Mixed Sunflowers.** Many varieties, both single and double. Pkt., 3c.

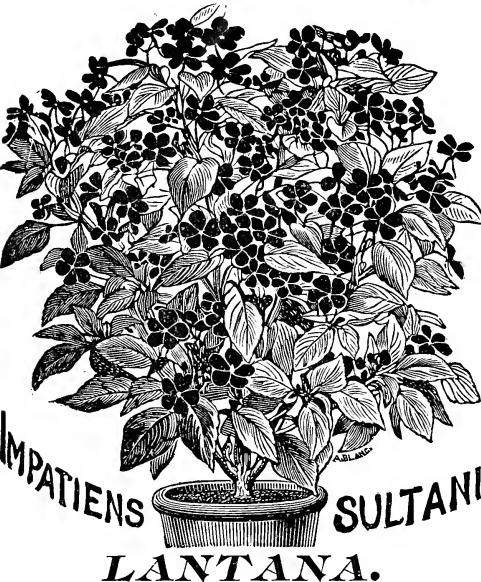
DOUBLE VARIETIES.

2717. **Californicus Fl. Pl.** Extra large orange flowers. Pkt., 3c.; oz., 10c.

2718. **Globosus Fistulosus.** Globular, very large, double orange flowers. The most effective of Sunflowers. 6 ft. Pkt., 3c.; oz., 10c.

2719. **Green-Centered (SCULATUS VIRIDIS.)** Double yellow flowers with green center when young. Five to eight ft. in height. Pkt., 5c.

2713. **Multiflorus.** Forms a dwarf well branched plant. Each branch carries a double globe shaped flower of golden yellow. It is considered valuable for bouquets. Pkt., 5c.



2791. Bushy plants with large heads of variously colored flowers, orange, white, rose and others, with spicy fragrance. The flowers change color with age and are succeeded by deep blue berries. Lantanas grow very rapidly, requiring space to spread. Two feet. Pkt., 10c.

LOBELIA.

The cultivated herbaceous Perennial Lobelias have graceful foliage and beautiful flowers. The *Erinus* or hanging varieties are used for baskets, vases, etc., and the *compact* sorts for pots, borders and carpet bedding. They flower freely the first year from seed. T. P.

* COMPACT VARIETIES *

Six to ten inches.

2810. *Alba*. White. Pkt., 5c.

2809. *Speciosa*. Bright blue; for hanging baskets or vases. Pkt., 5c.

* COMPACT VARIETIES *

Four to six inches.

2812. *Barnard's Perpetual*. First sent out by a noted English seed grower. The flowers are of the most brilliant ultramarine blue, strikingly marked with a pure white blotch at base of each of the two lower petals. Pkt., 10c.

2808. *Crystal Palace Compacta*. Deep blue. Splendid bedder. Pkt., 5c.

2807. *Emperor William*. Light blue; pkt., 5c.

* PERENNIAL LOBELIA.

2819. *Queen Victoria*. Dark scarlet flowers; dark leaves; very showy; three feet. Pkt., 10c.

2814. *Lobelia*. Varieties mixed. Pkt., 5c.

LATHYRUS.

(EVERLASTING OR HARDY SWEET PEAS.)

2835. Climbers growing six to eight feet. Flowers red, white and flesh colored. The roots penetrate the ground to a great depth and survive our winters. Mixed. Pkt., 5c.

LUPINS OR SUN DIALS.

Easily grown showy plants, useful for beds and borders. Thrive in any soil. They have long spikes of pea-shaped flowers. Two to three feet. H. A.

2804. Tall Varieties Mixed. Pkt., 5c.

2805. Dwarf Varieties Mixed. Pkt., 5c.

2806. True Blue. This will please those who admire blue flowers. They are of large size and deep rich color. Pkt., 5c.

LYCHNIS. RAGGED ROBIN.

2834. An old time border plant; produces large heads of brilliant scarlet flowers. Succeeds in any good garden soil. Easy culture, blooms first year from seed. Two feet. H. P. Pkt., 5c.



LANTANA.

Ice Plant

MESEMBRYANTHEMUM.

Beautiful dwarf growing plant with waxy-like foliage, which sparkles in the sun, and lovely little flowers. Splendid for hanging baskets and rockwork. Stands sun and drought admirably. H. H. A.

2780. *Crystallinum*. The whole plant covered with ice-like secretions; flowers purple. Pkt., 5c.

2785. *Cordifolium Variegatum*. The light colored leaves are very attractive for ribboning. Pkt., 5c.



ICE PLANT.

Impatiens Sultani.

2774. A Balsam from Zanzibar, Africa, blooming almost continuously winter and summer. Its rosy carmine flowers have a delicate, waxy appearance and are borne in great profusion. Its easy culture and vigorous growth make it a general favorite as a house or garden plant. Pkt., 10c.

2775. *Sultana Hybrida*. Remarkably beautiful hybrids of this much admired plant in various shades of colors, delicate pink, rose, violet and others. Mixed. Pkt., 20c.

IPOMEA. See Moonflower.

JERUSALEM CHERRY.

(SOLANUM CAPSICASTRUM.)

2790. A shrub that succeeds well in pots. Dark green leaves, but especially admired for its small, pepper-shaped scarlet fruit. One foot. G. P. Pkt., 10c.

KENILWORTH IVY.

(LINARIA.)

2801. Hardy little climber and a valuable trailing plant. Clings to walls, etc., and is useful in baskets. Neat foliage and small, lavender colored flowers. P. Pkt., 5c.

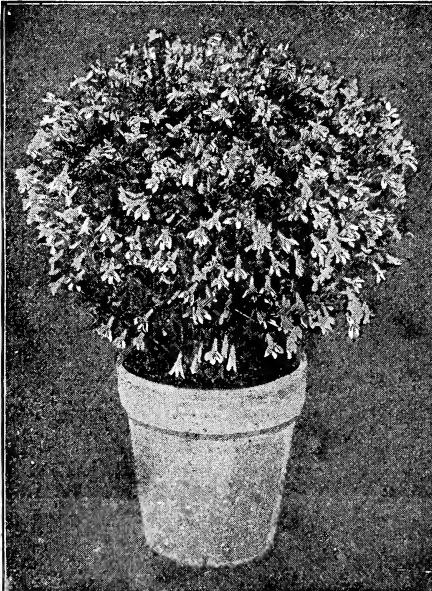
LAVENDER.

2796. Sweet scented, shrubby perennial, with blue flowers. Its dried head; are used to impart an agreeable fragrance to linen closets. Pkt., 5c.

* LINUM *

2802. A flax, with beautiful scarlet flowers and pretty foliage. Pkt., 5c.

2803. Perennial Linum. Mixed varieties. Pkt., 5c.



2813. LOBELIA, White Gem.

A COMPACT variety which forms a ball of *pure white* flowers, best of its color for beds and edgings. Splendid for pots; blooms in four weeks; pkt., 5c.



LINUM.

MARIGOLD. (TAGETES.)

Old time favorites of the garden. The flowers are very double and make a splendid effect in mixed beds or borders; useful as pot plants also. The easy culture and extreme showiness should secure them a prominent place in every flower garden. H. H. A.

DOUBLE AFRICAN MARIGOLDS.

2851. **El Dorado.** Flowers extra large, measuring from 3½ to 4 inches across; varying in shades from a primrose yellow to a deep orange. A robust grower and great bloomer. 3 ft. Pkt., 3c.

2856. **Lemon Queen.** The best type of the African Marigold. Grows about 18 inches high and is covered with large, light lemon flowers. Pkt., 3c.

2858. **Double African, Mixed.** The best varieties. Pkt., 3c.

FRENCH MARIGOLDS.

2859. **Legion of Honor.** The most showy of the Dwarf Marigolds. Flowers rich golden yellow marked with velvety brown. Plants are insect and drought proof and continuous bloomers. Pkt., 5c.

2860. **Dwarf Gold Striped.** Yellow and maroon. Pkt., 3c.

2865. **Choice Mixture** of Dwarf sorts. Pkt., 3c.

(*For Cape or Pot Marigold—see Calendula.*)



MARIGOLD, EL DORADO.

MARVEL OF PERU.

(FOUR O'CLOCK MIRABILIS.)

Flowers open in the afternoon, hence name "Four o'Clock." Old fashioned, but none the less beautiful. The plant is large, and requires four feet of space; makes a pretty hedge. The flowers are funnel-shaped, white, red and striped; very fragrant, and opens about 4 o'clock 'n the afternoon, remaining open all night, and generally perish before noon the next day. Will grow in any common garden soil from seed sown in open ground. H. A.

2871. **Fine Mixed Colors.** 2 ft. Oz., 15c.; pkt., 3c.

2872. **Tom Thumb.** Dwarf variety with variegated foliage. 9 inches. Pkt., 3c.



MARVEL OF PERU.



MIGNONETTE, MACHET.

MIGNONETTE. (RESEDA.)

The hardiest annual in cultivation and a universal favorite for its sweet and delicate fragrance. The newer varieties named below in capitals are valuable improvements

2892. **LARGE FLOWERING.** The common Sweet Mignonette. Oz., 15c.; pkt., 3c.

2896. **AMELIORATA.** Red flowered. Pkt., 3c.

2899. **Gabriele.** Red, very fine, robust; excellent for pots. Pkt., 5c.

2905. **Golden Queen.** Flowers of a golden shade, very fragrant. 5c.

2906. **Victoria.** A beauty in every respect. Dark, glossy green foliage, pretty red flowers, large and of fine form. Grows about 6 inches high. Fine for pots. Pkt., 5c.

2907. **PARSON'S WHITE.** Very fragrant, nearly white Pkt., 5c.

2908. **Miles' Spiral.** Plant dwarf, branching habit. Flowers white, very fragrant. Spikes 8 to 12 inches long. Pkt., 5c.

2914. **MACHET.** The flower spikes are very broad and long, and the red flowers exceedingly fragrant. It is one of the best varieties for pot culture and bedding, and extensively grown by florists. Pkt., 5c.

2913. **Extra Choice Mixture.** Oz., 25c.; pkt., 3c.

MIMULUS. (Monkey Flower.)

Very showy and admirable pot plants, also suitable for bedding. The charming flowers are spotted and blotched in extremely rich colors. The plants succeed best in moist soil and shaded places; although half hardy perennials, they are usually treated as annuals.

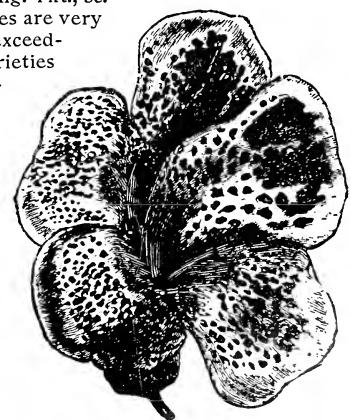
2919. **Moschatus. (Musk Plant.)** The foliage emits a strong musky perfume. Pkt., 5c.

2920. **Tigrinus.** Striped and spotted. Extra mixed. 2 ft. Pkt., 5c.

2926. **Emperor.** The large and beautiful flowers are most showy and attractive. It is not only a great favorite in pots, but does nicely in shady places. Pkt., 5c.

MUSA ENSETE. (ABYSSINIAN BANANA.)

2935. Large-leaved plants making a tropical effect planted on the lawn. They are of remarkably quick growth, often attaining a height of 10 to 15 ft. the first season. The seeds should be sown early in the house, the plants frequently repotted and stimulated with liquid fertilizer, and the pots kept plunged. Pkt., 15c.



MIMULUS.

MORNING GLORIES.

(*Convolvulus Major.*)

THE old-fashioned Morning Glory is the standard climber of every flower lover. It is as easy to grow as a weed, and will reach a height of 20 feet in one season. Should be sown early and where intended to bloom. Flowers of every shade of white, crimson, rose, blue, and striped.

2946. **FINE MIXED.** Many colors. Large pkt. 5c; oz. 10c.

DWARF MORNING GLORIES. *C. Minor.*

These grow about one foot high only. They are useful plants in the garden and for hanging baskets. Half hardy annuals.

2952. **C. MAURITANICUS.** Fine basket plant. Beautiful blue flowers. Pkt. 5c.

2952. **C. MINOR.** Dwarf Morning Glories, several colors. Mixed. Pkt. 5c; oz. 10c.



IMPERIAL JAPANESE MORNING GLORIES.

Soak the seeds in lukewarm water for 24 hours before sowing, to aid in germination, or draw a sharp knife across one edge of the seed.

2945. No one who has not looked upon the flowers of the Japanese Morning Glories, has any conception of the enormous flowers—from four to six inches across—and their beautiful colors, running from snowy white through all possible shades of blue, and red, from palest pink to darkest reds and purple. They are streaked, mottled, striped, and blotched in wonderful fashion. The leaves are large, some ivy-shaped, some heart-shaped, some are dark green, others are mottled.

They will flourish in any place where a climber will grow. Sow in May. They do not start as quickly as the common Morning Glory, but will reach a height of 20 ft. during the summer. Many varieties in mixture. Pkt. 5c; oz. 15c.



MOONFLOWER.

2955. **WHITE SEEDED (IPOMEA NOCTIFLORA, OR GRANDIFLORA ALBA).** The variety most generally known, being larger in flower, firmer in texture, and of sweeter odor than the common black-seeded variety. It bears in greatest profusion its lovely, immense white flowers, five to six inches in diameter, with a five-pointed star in the center; the flowers are deliciously fragrant. If planted in rich ground, in a sunny situation, the vines attain a height of 25 feet. Pkt. 10c.

2948. **HEAVENLY BLUE. (*Rubro-Cerulea.*)** Immense flowers of bright sky-blue, very beautiful color; one seldom seen. Pkt. 10c.

2955. **NEW CROSS-BRED, OR HYBRID.** Of great value for the North, as it is in bloom a month earlier than the preceding; flowers pure white, large and fragrant. Grows thirty to forty feet. Foliage of three distinct types. Pkt. 10c.

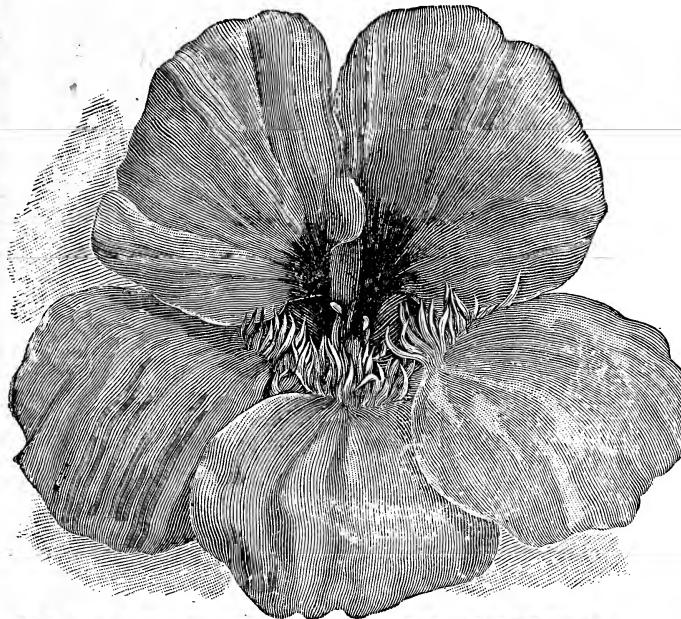
NICOTIANIA AFFINIS.

Sweet-Scented Tobacco Plant.

3045. This plant attains a height of about two feet and produces an abundance of large pure white flowers of delicious fragrance. If taken up in the fall, cut back and potted, they will bloom all winter. Pkt. 5c.

OENOTHERA.

3071. **EVENING PRIMROSE.** From the curious habit of the flowers opening suddenly in the latter part of the day and making a grand show during the evening and early morning, the name has been given. The flowers for the most part are yellow—occasionally a white one may be seen. H. H. A. Pkt. 5c.



"SUNLIGHT" NASTURTIUM—Natural size flower.

DWARF OR TOM THUMB NASTURTIUMS.

BEAUTIFUL bedding plants. Their neat compact growth—about one foot—richly colored flowers, free blooming and long lasting qualities have made them general favorites. Price (except where noted), pkt. 5c; oz. 15c; postpaid.

- 3125. Aurora. Chrome yellow.
- 3108. Beauty. Scarlet splashed with canary yellow.
- 3119. Cloth of Gold. Golden foliage; scarlet flowers.
- 3082. Coeruleum Roseum. Peach color.
- 3097. Crystal Palace Gem. Sulphur-yellow, spotted carmine.
- 3114. Empress of India. Blue-green foliage, flowers crimson.
- 3087. General Jacqueminot. Brilliant crimson.
- 3093. Golden King. Dark foliage—yellow flowers.
- 3098. King of Tom Thumb. Dark foliage, scarlet flowers.
- 3109. King Theodore. Maroon.
- 3124. Lady Bird. Orange yellow with red spots.
- 3107. Pearl. Creamy white.
- 3092. Prince Henry. White, spotted with scarlet.
- 3100. Ruby King. Light ruby red.
- 3095. Rose.
- 3094. Scarlet. A very brilliant shade.
- 3099. Spotted. Orange, spotted with maroon.
- 3096. Yellow.
- 3126. Dwarf Nasturtiums Mixed. In this will be found varieties of both light and dark colored foliage. The seed is so cheap it should be planted largely. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00, postpaid.

New Liliput or Miniature Nasturtiums.

3201. A charming and distinct new strain that originated from the tall *Tropaeolum Lobbianum*, and is already famous for retaining the unusual brilliancy of color combinations for which the parent stock is noted. The plants are of smaller size than the well-known *Tom Thumb Nasturtiums*, while the flowers and round leaves are also smaller. The perfect flowers, borne in clusters on the top of each bush, embrace beautiful new colors. Pkt. 5c; oz. 15c.

LOBB'S NASTURTIUMS.

Much more brilliant in coloring than the tall sorts. Splendid for hanging baskets, etc. **Price, any kind, oz. 15c; ptk. 5c.**

- 3185. Cardinal. Dark cardinal red; superb.
- 3190. Giant of Battles. Sulphur, spotted with red.
- 3191. Lucifer. Richest, velvety deep crimson.
- 3199. Lobb's Nasturtiums, Mixed. The above six splendid sorts and others. Pkt. 5c; oz. 15c.
- 3192. Napoleon III. Golden, striped carmine.
- 3197. King of the Blacks. Very dark deep brown.
- 3198. Spitfire. Brilliant scarlet; very effective.

Nasturtiums...

THERE are few annuals which produce such wealth of rich and various colored flowers as Nasturtiums. They are suitable for bedding and for climbers. They are easy to care for, thrive in poor soil and under almost any conditions.

THREE NEW NASTURTIUMS.

Chameleon. A very interesting new variety which has the unusual feature of presenting different colored flowers on the same plant. Some are all of one shade while others are variously stained, striped, blotched, or marbled. The contrast between the different flowers is decidedly marked.

3178. Dwarf Chameleon. Useful for bedding out. Pkt. 5c; oz. 15c.

3179. Tall Chameleon. Very good for screens and to train upon strings against stone walls and over lattice work. Pkt. 5c; oz. 15c.

Sunlight. 3180. This beautiful Nasturtium has handsome light-green foliage, lit up by myriads of clear rich, golden-yellow flowers, borne so profusely as to almost conceal the foliage. The petals are large and round, measuring more than $1\frac{1}{4}$ inches across, and are daintily crinkled, which gives a very pretty effect. Pkt. 5c; oz. 15c.

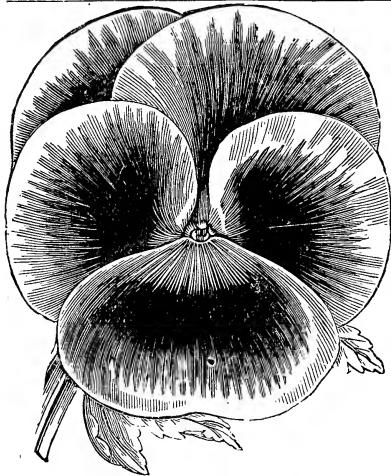
3077. Hybrids of Md. Gunter. These are climbing Nasturtiums distinguished by dark colored foliage and for richness and variety of coloring of the flowers, including shades seen in no other class. Pkt. 5c; oz. 10c.



TALL OR CLIMBING NASTURTIUMS.

Price (except where noted), ptk. 5c; oz. 15c, postpaid.

- 3150. Atropurpureum. Crimson.
- 3160. Coccineum. Scarlet.
- 3138. Dunnett's Orange. Bright orange.
- 3170. Edward Catto. Brownish lilac.
- 3155. Heinmanni. Chocolate.
- 3168. Hemisphericum. Yellow and pink.
- 3167. Pearl. Whitish.
- 3149. Regalinum. Purple violet.
- 3166. Scheuerleinum. Spotted straw color.
- 3148. Schillingi. Yellow.
- 3127. Von Molke. Ruby rose.
- 3169. Tall Nasturtiums, Mixed Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00, postpaid; including most of the above.



LOVELY
EXQUISITE

PANSIES •

The seed may be sown in the hot-bed or open ground. If sown in the spring, get in early so as to secure flowers during the early rains and before the hot weather of July and August. Seed sown in May and June will produce very fine flowers in September and October, or after the first fall rains and cooler weather.

For Some New and Elegant Pansies See Front Pages. VARIOUS MIXTURES.

3249. Florists, it may truthfully be stated, sell more Pansy plants in bloom in early spring than any other flower. We supply them largely with the seeds of which this mixture is composed.

• BARNARD'S • FLORISTS' MIXTURE.

They grow Pansy plants up to the standard of highest excellence in cool, deep, moist beds, shaded from the afternoon sun, made rich with fertilizers and kept free from weeds.

Grand Pansies come from this seed. Dark ones, smooth and of a velvety substance, light and steel blues, slate coal black, striped and spotted—almost every imaginable color. In size they are enormous, thick petalled flowers. We can say with confidence that upwards of one hundred distinct Pansy flowers could be picked at one time from a bed grown from this seed. *It is the very best that can be had or money will buy.* Pkt. 20c; 3 for 50c; $\frac{1}{8}$ oz. \$1.50.

GIANT PANSIES, In Separate Colors.

In form and size of flower Giant Pansies excel all others.

Per pkt., any of the following, 7c.; 4 (7c.) pkts. or 3 (10c.) pkts. for 25c., except where noted.

3253. **Bugnot's Superb.** Velvety flowers, each one having a dark colored blotch, upper petals delicately veined.

3254. **Cassier.** Of splendid substance, three to five spotted. Showy and rich.

3255. **Giant Parisian.** Flowers as large as Trimardeau, much superior in coloring.

3256. **Giant Trimardeau.** The blossoms are simply enormous, perfect in form and run through all the varieties of colors. Pkt. 5c; $\frac{1}{8}$ oz. (500 or 600 seeds) 20c.

3257. **Auricula Colors.** Beautifully shaded.

3263. **Giant Aurora.** Large pure white, 10c.

3263. **Giant Azure Blue.** Fine.

3264. **Giant Coal Black.** Deep, jet black.

3265. **Giant Copper Color.** We have this strain.

SPECIAL OFFER: The entire collection of Giant Pansies, 20 packets (including mixed), for \$1.00 net. No further discount.

PRIZE PANSIES, In Separate Colors.

Per pkt., any of the following, 3c.; 6 (3c.) pkts. for 15c., except where noted.

3306. **Azure Blue.**
3311. **Black.** Very dark.
3312. **Black and Crimson.**

3323. **Bronze Colored.**
3324. **Brown Shades.**
3325. **Candidissima.** White.
3326. **Cardinal.** Brown, scarlet, 8c.
3336. **Dark Purple.** Rich.
3337. **Emperor Frederick.** Purple, scarlet and yellow, 10c.

3338. **Emperor William.** Blue with purple eye.

3339. **English Face.** Blue.
3345. **Fire-King.** Yellow, upper petals purple.

3346. **Golden Gem.** Yellow.
3347. **Gold Margined.**
3348. **Havana Brown.** Glossy.

3270. **Giant Dark Purple.** Rich velvety, 5c.

3280. **Giant Emperor William.** Ultramarine blue. A lovely shade.

3281. **Giant Five Spotted.** Handsome flowers; petals blotched.

3290. **Giant Lord Beaconsfield.** Violet, shading to white above

3291. **Giant Snowflake.** Pure white, of good form, 10c.

3292. **Giant Spotted White.** Pure white, three lower petals blotched with violet.

3293. **Giant Striped.** Large, showy flowers, shaded and striped, 5c.

3294. **Giant Yellow.** Blotched with brown, 10c.

3295. **Giant Yellow Gem.** Without eye, 5c.

3296. **Giant Violet Blue.** The color is most distinct, resembling that seen in violets. A new and sure to be appreciated shade. Pkt. 10c.

3349. **Light Blue.**
3350. **Lord Beaconsfield.**

Lavender shade of blue.

3351. **Mahogany Colors.**
3352. **Mottled and Striped.**

3353. **Odier, or Five-Blotched flowers.** Beautiful, 5c.

3359. **Peacock.** Maroon, purple and peacock-blue, 8c.

3360. **Prince Bismarck.** Bronze.

3361. **Purple, white edge.**
3362. **Quadricolor.** Steel-blue edged with red and white.

3363. **Silver Edge.** Dark ground.

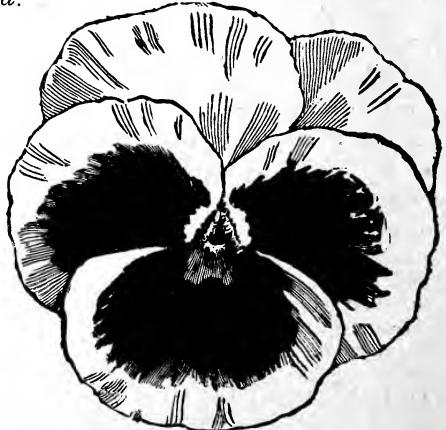
3365. **Victoria.** Red, a rich and beautiful shade, 8c.

GIANT PANSY MIXTURE.

3250. We give this name to a very careful selection and judicious blending in correct proportions of *Giant Flowered* Pansy seeds. By their use the purchaser is enabled to obtain in one packet seeds of all the different varieties we name as well as some beautiful sorts not found in any list. In this mixture will be found the highly prized spotted Pansies, marked with three to five blotches on white or richly colored grounds, the charming violet blues and many others of surpassing shadings and markings. Our **Giant Pansy Mixture** is up to date, all really desirable large circular Pansies being included in its make-up. Pkt. 15c., 2 for 25c; $\frac{1}{8}$ oz. \$1.

PRIZE PANSY MIXTURE.

3251. **The best Pansies for bedding.** Almost an endless variety of all shades of color, including such famous sorts as Cardinal Red, Peacock Blue, light and dark marbled, and five-spotted. They are all of sturdy and even growth. Pkt. 3c.; $\frac{1}{8}$ oz., 25c.





PETUNIA—SUPERBISSIMA.

PETUNIAS.

Petunias like pansies are flowers for everybody. The tiny garden in the yard, or the beautiful beds seen in the parks of great cities are not complete without Petunias. They are most easily grown, and from early summer to late fall they are loaded with flowers; heat, rain or drought do not effect them. The seeds being very small would better be started in the house, afterwards transplanting the plants one foot apart in the place where they are to bloom. As pot plants Petunias have very few superiors. H. H. A.

SINGLE VARIETIES—Small Flowering.

For very showy beds the small flowered varieties are best.

- 2960. **Fine Mixed.** Very choice seed. Excellent for bedding. $\frac{1}{8}$ oz., 15c.; pkt., 3c.
- 2961. **Dwarf Inimitable.** Bushy plants, 5 to 8 inches high. Cherry red flowers with white star. Pkt., 5c.
- 2962. **Blotched and Striped.** All colors. Fine for pots, window boxes and bedding. $\frac{1}{8}$ oz., 20c. Pkt., 3c.
- 2964. **Pure White.** The best to use for cemetery purposes. Pkt., 5c.
- 2965. **Snowball.** Compact variety, excellent for pot culture. Height, 8 inches. Covered all season long with satiny white flowers. Pkt., 20c.

LARGE FLOWERING.—Single.

Flowers almost twice the size of ordinary Petunias.

- 2968. **Giants of California.** The flowers are exquisitely ruffled or fringed on the edges, and are of enormous dimensions, often five inches across. Their great merits lie in the innumerable variety of colors, with markings, veinings, blotchings, and stripings in the most grotesque and beautiful combinations. Pkt., 15c.

- 2970. **Fringed. (FIMBRIATA.)** Flowers 4 to 5 inches across of great variety of colors and markings. Deeply fringed. Pkt., 15c.

- 2971. **Superbissima.** Handsome purple, velvety flowers with veined throats. They are among the finest in form, substance and size. Pkt., 20c.

- 2973. **Green Margined.** Rose colored flowers with veined throats, margined with light green. Pkt., 20c.

- 2974. **Large Flowering Single Mixed.** Will bring large beautiful flowers of superb colors and markings Pkt., 10c.



SHIRLEY POPPY.

DOUBLE FLOWERING PETUNIAS.

Saved from double flowers artificially hybridized.

A certain proportion will come single or semi-double.

- 2980. **Lilliput.** Bushy plants. Small double flowers spotted and striped. Pretty for pots. Pkt., 25c.
- 2981. **Dwarf Inimitable.** Striped and blotched. 25c.
- 2982. **Fringed.** Extra large flowers. Pkt., 35c.
- 2983. **Pure White.** A splendid strain that will produce very fine double flowers. Pkt., 35c.
- 2984. **Barnard's Double Mixed.** Hybridized and imported seed from a famous European Petunia specialist. Sure to produce grand flowers. Pkt., 25c.

POPPIES. SINGLE ANNUAL POPPIES.

- 2993. **TULIP POPPY.** So called from the great similarity of its vivid scarlet single flowers to those of the Scarlet Duc Van Thol Tulip. After a time two black spots appear at the base of the petals. Constant and profuse bloomer. Pkt., 5c.

- 2994. **SHIRLEY.** Generally single, sometimes semi-double, colors range from white, rose, pink and carmine to bright, sparkling crimson. Pkt., 3c.

- 2995. **Danish Flag.** Brilliant scarlet flowers with white cross in center. Pkt., 3c.

- 2996. **Single Poppies, Mixed.** Many colors, $\frac{1}{2}$ oz. 15c., Pkt., 3c.

DOUBLE ANNUAL POPPIES.

- 2992. **WHITE SWAN.** A new poppy of bushy habit. Height 18 inches. Flower snow white, extremely double, large, and borne on stiff stems. Continues to bloom longer than any other poppy. Pkt., 5c.

- 3000. **American Flag.** Large, snow white flowers, each petal bordered with scarlet. Pkt., 7c.

- 3001. **Paeony-Flowered.** Broad petals like those of a Peony. Mixed. 2 ft. Oz., 25c. Pkt., 3c.

- 3002. **Mikado.** Flowers pure white at the back, edge of petals deep scarlet. Pkt., 3c.

- 3012. **Snowdrift.** Very large flowers, perfectly double pure white. Pkt., 3c.

- 3017. **Carnation-Flowered.** Globular flowers slashed and fringed. 2 to $2\frac{1}{2}$ ft. Mixed. Oz., 25c. Pkt., 3c.

- 3018. **Cardinal.** Glowing scarlet on white ground. Compact habit. 18 in. Pkt., 5c.

- 3019. **Double Poppies, Mixed.** Oz., 20c. Pkt., 3c.

HARDY PERENNIAL POPPIES.

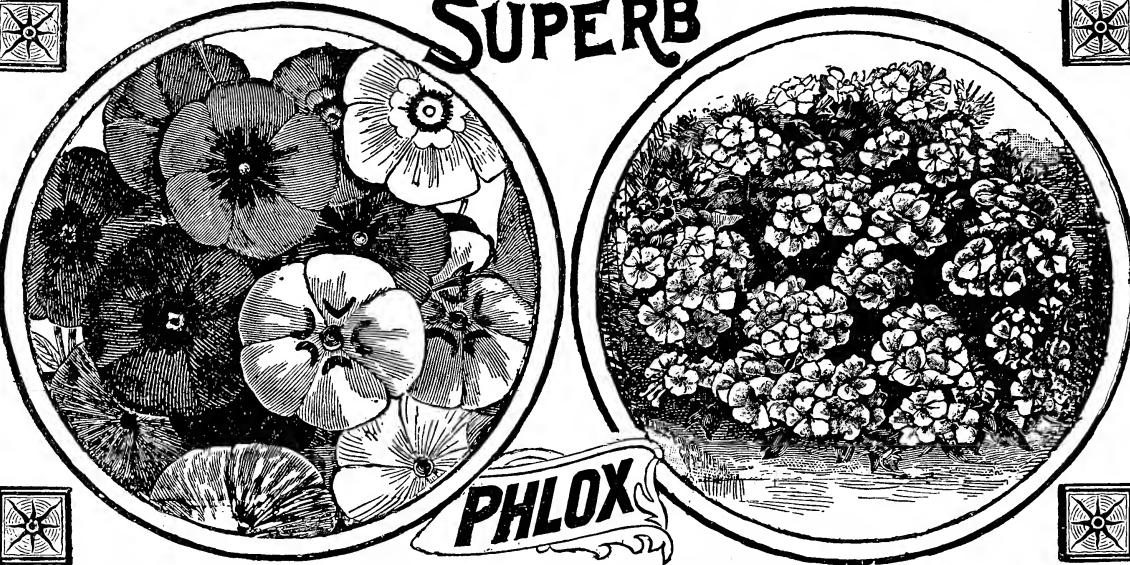
- 3026. **Iceland. (Vuliculae.)** Splendid for cut flowers. Purest white to deep orange scarlet. Mixed. Pkt., 10c.

- 3027. **Double Iceland.** Pkt., 10c.

- 3028. **Oriental.** Very large vivid crimson flowers with black spots on their petals. Mixed. Pkt., 10c.

SUPERB

PHLOX



PASSION FLOWER.

3222. A good climber, suitable for outdoor cultivation in the South in summer, but chiefly grown in greenhouses. Flower in several colors, composed of rays, afterwards succeeded by fruit. Mixed. Pkt., 5c.

PENSTEMON.

3227. Very ornamental plants that make a splendid effect in borders, etc. They bloom from June until late in the fall. The half-pendant bell-shaped flowers show beautiful shades and markings of scarlet, pink, white and blue. Sow in May in a cool, shady place 2 ft. H. P. Large flowering, mixed. Pkt., 5c.

PERILLA.

These are handsome foliage plants with dark, ornamental, broad and notched leaves. They grow about 18 inches high, and are used as background to geraniums and other bedding plants. H. H. A. Start seed under glass.

3238. *Nankinensis Atro Laciniatis*. Deep mulberry foliage, edges finely cut; 2 ft. Pkt., 5c.

3239. *Macrophylla*. Dark, finely cut foliage, dwarf, fine. Pkt., 5c.

PINKS.—See *Dianthus*.

PORTULACA.

One of the best hardy annuals to grow in beds, baskets or in rockwork. Thrives in the hottest sun and is one mass of bloom all summer long. The flowers are very showy and of different colors.

3220. Single, Mixed. Pkt., 3c.

3221. Double, Mixed. Pkt., 5c.

PYRETHRUM.

(Also known as Feverfew.)

The varieties which are grown for their flowers may be found under the heading of *MATRICARIA* (page 7).

YELLOW LEAVED SORTS.

Bushy, dwarf growing plants, used principally for edgings to fancy beds. H. H. P.

3460. *Aureum*. (*Golden Feather*) Yellow foliage. Pkt., 5c.

3465. *Golden Gem*. Double white flowers. Pkt., 5c.

3466. *Selaginoides*. (*Fern leaved*) Very dwarf, golden yellow foliage. This makes a handsome edging to a bed of colors. Pkt., 5c.

PHLOX DRUMMONDI.

THIS is a favorite with everybody. It thrives in almost any soil, blooming in the greatest profusion from June until late fall. Seed may be sown in the open ground in May, indoors or in a hotbed earlier. The seedlings should be set out about a foot apart; if too thick mildew attacks them.

Phlox Drummondii makes a very good border plant, but it shows to better advantage by placing each color in a separate bed, or in ribbons or lines of color. Good contrasts can be made by the use of scarlet, white and pink. Even the mixture will produce a bed of flowers of most brilliant coloring. H. A.

3458. *Phlox Drummondii*. Great variety of colors. Oz., 50c; $\frac{1}{4}$ oz., 15c; pkt., 3c.

LARGE FLOWERING PHLOX.

The large flowering Phloxes show decided improvements in size, shape and color over the old Drummondii class. The flowers are round, the petals overlapping. 1 ft. H. A.

3419. *Splendens*, 3422. *Carmine*,

scarlet

white eye

3420. *Pure White*

3423. *Blood Red*

3421. *Rosy Carmine*

3424. *Mixed*

3420. *Chamois Rose*

Per pkt., 5c; any 4 for 15c.

NEW DWARF PHLOX.

(*Nana Compacta*)

The little bushy plants grow rarely over 8 inches high and throughout the entire season they are full of flowers. They are recommended for culture in pots, beds or edgings of borders.

3439. *Pure White*

3450. *Rose*

3444. *Red*

3451. *Blood Red*

3445. *Blush Rose*

3452. *All Colors*

Per pkt., 10c; 3 pkts. for 25c.

Mixed

STAR SHAPED PHLOX

3484. Most attractive sort. The colors are about the same as in other Phloxes. Mixed. Pkt., 10c.

HARDY PHLOX.

3457. They are entirely hardy, grow tall, and their large heads of flowers of various colors make a grand show in summer. Hardy, mixed. Pkt., 10c.

BARNARD'S PHLOX MIXTURE.

3459. In this we include seeds of all the Phloxes above named except the hardy varieties. One pkt. will be ample for a large bed. If we had but one flower to plant in the garden it would be Phlox Drummondii in mixture. Large pkt., 10c.



STAR PHLOX.



PRIMROSES.

CHINESE Primroses are lovely and useful little plants for pot culture, that bloom most freely during winter and spring. The delicate colored flowers measure $1\frac{1}{2}$ to 2 inches and are borne in large clusters. Sow in February or March in very fine, light soil. Pot into small pots, shift two or three times during the summer, and keep in a cool, moist, shady place, and success is sure. T. P.

Our Primula seed is from the best European growers, and in quality is second to none.

Single, Large-Flowering, Fringed Varieties.

3473. **Alba Magnifica.** Splendid pure white flowers with yellow eye, measuring two inches. Very beautiful. Pkt., 25c.

3476. **White.** Pkt., 25c. | 3477. **Red.** Pkt., 25c.

3482. **Crimson.** Pkt., 25c.

3474. **Fern Leaved.** Very pretty, long fern-like foliage. Mixed Colors. Pkt., 25c.

3483. **Mixed, Large Flowering Varieties,** includes all the above and several others. 100 seeds. 15c

Double Large Flowering, Fringed Varieties.

Saved from the most select, large flowered fringed flowers. The seed we offer will produce a large percentage of superb double flowers of great substance and fine form.

3484. **White.** Pkt., 50c. | 3489. **Red.** Pkt., 50c.

3494. **Double Mixed.** Pkt., 50c.

VARIOUS GREENHOUSE PRIMULAS.

The following varieties are all of the easiest culture in the greenhouse or in light windows of dwelling houses. They flower most abundantly and for as much as eight months of the year.



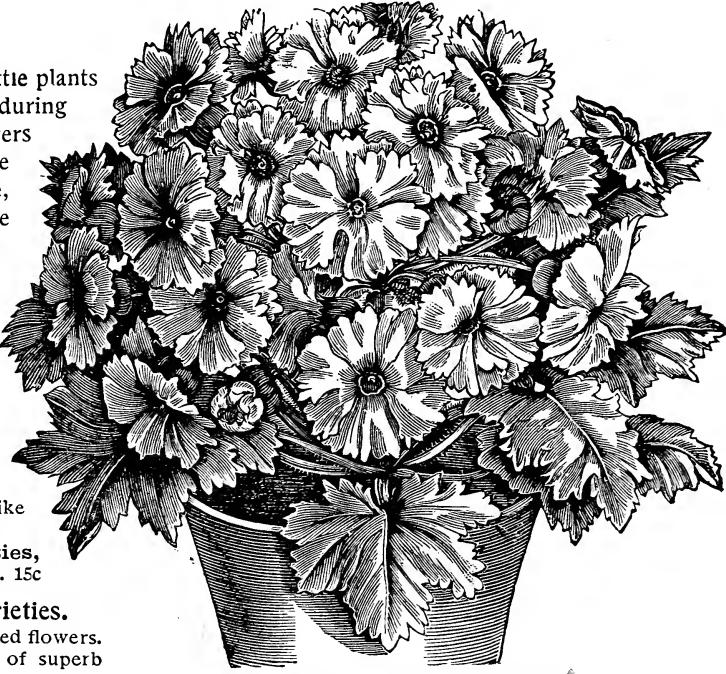
PRIMULA FORBESI.

3502. **Large Flowering Obconica.** Seed of this much prized sort if sown in March will bloom in June. The flowers are much larger than that of the old type. They are borne on stems about nine inches high; color white with a tinge of lilac, with an agreeable fragrance. Pkt., 10c.

3495. **Obconica.** Ordinary size flowers. Pkt., 10c.

3505. **Obconica Fimbriata.** A fringed flowered variety. Flowers same color as above. Most useful for cutting as the sort flowers last well. Pkt., 10c.

Forbesi. (*Baby Primrose.*) This is a most precocious bloomer, for the little plants throw up flower stalks when but a few weeks old. Flowers are delicate rose on long stems. Ornamental; 6 ft. Pkt., 15c.



PRIMULA SINENSIS FIMBRIATA.

HARDY PRIMROSES.

Under this heading will be found some well known favorites, which are constantly increasing in popularity. They are beautiful, low growing, early spring flowering plants suitable for rockeries, borders and pot culture. They should have a place in every garden. Our seed is from an English grower who has given much attention to this flower. H. P.

3475. **English Yellow Primrose.** (*P. VULGARIS.*) So well known to all flower lovers as to need no description. Pkt., 10c.

3498. **Polyanthus.** (*P. ELATIOR.*) Any one who has seen or read of the beautiful beds of this lovely flower as grown in the public parks and private gardens of England will be sure to want a packet of seed. Flowers are borne on long stalks, each surmounted by a large number of handsome flowers. Mixed colors. Pkt., 10c.

3496. **English Cowslip.** (*P. VERIS.*) This is an old favorite flower, blooming very early in spring. Mixed. Pkt., 10c.

3497. **Japanese Primrose.** (*P. JAPONICA.*) This is one of the most beautiful; is hardy in most parts of Europe but in this country should be protected or grown during the winter in cold frames. The flowers which measure an inch across are of various colors, crimson, maroon, lilac, pink, white, etc., borne on stems about eighteen inches high. Pkt., 10c.

RICINUS, OR CASTOR OIL BEAN.

Rapid growing, stately plants, with very ornamental foliage and showy fruits. They are splendid for subtropical effects, either planted singly on the lawn or in the centre of a Canna or Caladium bed. 6 to 15 ft. H. H. A.

3504. **Borboriensis Arboreus.** Beautiful green leaves of immense size. 12 to 15 ft. Pkt., 3c.

3507. **Zanzibarensis.** An entirely new and distinct class of Castor Oil Beans from Africa, having short, stocky stems and enormous leaves, often two to two and one half ft. across. Foliage of different colors, dark predominating. The seeds are very large and particularly handsome in appearance. All the varieties have a tropical, luxuriant form and are sure to please all who try this. Mixed. Pkt., 5c.

3506. **Sanguineus.** Beautiful dark foliage and bright seed pods. Very showy. 6 ft. Pkt., 3c.

3508. **Gibsoni.** Dark purplish red foliage and stems; highly ornamental; 6 ft. Pkt., 3c.

3509. **Castor Beans, Mixed.** Above and several others. 5c.

SWEET PEAS.

CHESE well-known favorites have been greatly improved in the past few years, both in size of flower and variety in colors. For beauty and fragrance they can not be surpassed.

Sweet Peas succeed best in a deep, rich soil. Sow in a trench 5 or 6 inches deep, covering the seeds at first with only two inches of soil; as the plants grow, fill in the earth about them. Keep the vines watered copiously and cut the flowers freely. Do not allow seed to form.

| | Pkt. | oz. | 1/4 lb. |
|---|------|-----|---------|
| 3679. America. White, striped with scarlet..... | .03 | .05 | .15 |
| 3680. Appleblossom. Bright rose and pink..... | .03 | .05 | .15 |
| 3683. Aurora. Salmon on white..... | .03 | .05 | .15 |
| 3684. Blanche Burpee. Pure white, very large.. | .03 | .05 | .15 |
| 3685. Blanche Ferry. Pink and white..... | .03 | .05 | .15 |
| 3686. " " " Extra Early, 10 days earlier | .03 | .05 | .15 |
| 3687. Blushing Beauty. Delicate, soft pink..... | .03 | .05 | .15 |
| 3693. Boreatton. Dark maroon..... | .03 | .05 | .15 |
| 3689. Brilliant. Bright scarlet..... | .05 | .10 | .25 |
| 3694. Captain of the Blues. Purple and blue.... | .03 | .05 | .15 |
| 3695. Captivation. Claret color..... | .05 | .10 | .25 |
| 3696. Celestial. Lavender blue | .05 | .10 | .25 |
| 3704. Columbia. Red, white, and blue..... | .05 | .10 | .25 |
| 3705. Countess of Powis. Orange and purple.... | .05 | .10 | .25 |
| 3697. Countess of Radnor. Pale mauve..... | .03 | .05 | .15 |
| 3698. Crown Jewel. Yellow veined with rose ... | .05 | .10 | .25 |
| 3702. Cupid. Dwarf, white..... | .05 | .10 | .30 |
| 3703. Cupid. Dwarf, pink..... | .05 | .15 | .40 |
| 3708. Daybreak. Scarlet on white ground..... | .05 | .10 | .30 |
| 3709. Dorothy Tennant. Rosy mauve. Fine.... | .03 | .05 | .15 |
| 3706. Duke of Clarence. Claret color..... | .03 | .05 | .15 |
| 3711. Emily Henderson. Purest white. Early... | .03 | .05 | .15 |
| 3712. Emily Lynch. Rose pink..... | .05 | .10 | .25 |
| 3713. Firefly. Deep fiery scarlet..... | .03 | .05 | .15 |
| 3718. Gaiety. Striped crimson on white..... | .03 | .05 | .15 |
| 3724. Golden Gate. Lavender and pink..... | .05 | .10 | .25 |
| 3729. Golden Gleam. Primrose yellow..... | .05 | .10 | .25 |
| 3837. Gorgeous. Orange scarlet..... | .05 | .10 | .25 |
| 3723. Gray Friar. Purple on white ground.... | .03 | .05 | .15 |
| 3730. Her Majesty. Clear, deep rose..... | .03 | .05 | .15 |
| 3740. Katherine Tracy. A lovely pink..... | .05 | .10 | .25 |
| 3745. Lady Nina Balfour. Delicate mauve..... | .05 | .10 | .25 |
| 3741. Lady Penzance. Orange rose. Fine..... | .03 | .05 | .15 |
| 3742. Little Dorrit. Pink, wings white..... | .03 | .05 | .15 |
| 3743. Lottie Eckford. White, edged with blue.. | .03 | .05 | .15 |
| 3744. Lovely. A splendid pink..... | .05 | .10 | .25 |
| 3768. Maid of Honor. Blue on white..... | .05 | .10 | .25 |
| 3750. Mars. Fiery crimson..... | .05 | .10 | .25 |
| 3752. Mrs. Jos. Chamberlain. Striped, bright rose on white..... | .05 | .10 | .25 |
| 3753. Mrs. Eckford. Primrose yellow..... | .03 | .05 | .15 |
| 3758. Mrs. Gladstone. Soft, rosy pink..... | .03 | .05 | .15 |
| 3767. Mrs. Sankey. A good white..... | .03 | .05 | .15 |
| 3831. Navy Blue. Deep violet blue..... | .05 | .20 | .60 |
| 3773. New Countess. Light lavender..... | .05 | .10 | .25 |
| 3774. Orange Prince. Orange pink. Lovely.... | .03 | .05 | .15 |
| 3775. Prima Donna. Soft rose pink..... | .05 | .10 | .25 |
| 3780. Princess of Wales. Stripe mauve on white. | .03 | .05 | .15 |
| 3785. Ramona. White splashed with pink..... | .05 | .10 | .25 |
| 3790. Red Riding Hood. An odd-shaped flower.. | .05 | .10 | |
| 3832. Sadie Burpee. The new large white..... | .05 | .20 | .60 |
| 3802. Salopian. Fine scarlet..... | .05 | .10 | .25 |
| 3801. Shahzada. Dark maroon..... | .05 | .10 | .25 |
| 3800. Stanley. Rich purple..... | .03 | .05 | .15 |
| 3807. Stella Morse. Primrose, flushed with pink. | .05 | .10 | .25 |
| 3819. Triumph. Orange pink..... | .05 | .10 | .25 |
| 3824. Venus. Salmon buff. Shaded pink..... | .03 | .05 | .15 |

ALL ABOUT Sweet Peas,

Written by

REV. W. T. HUTCHINS,
Famous Sweet Pea Expert.

In this booklet Mr. Hutchins gives directions for successful culture. He has the happy faculty of being able to impart his knowledge so that the most inexperienced may readily understand and profit thereby.

Price, Postpaid, 20c.



COLLECTIONS AND MIXTURES.

WHEN the large-flowered Sweet Peas made their advent some six or more years ago, we planned and named this collection. It was the aim to get together sixteen varieties whose cut flowers taken collectively would make a bouquet so diversified in coloring and so perfect in form of

BOUQUET COLLECTION

Containing one packet each of 16 superb varieties for 50c.

The same sixteen varieties each put up in a separate ounce bag, making a pound of Sweet Peas for 75c.

flower as to represent the highest type of improvement in Sweet Peas.

Our improved "BOUQUET COLLECTION" now consists of **Brilliant**, scarlet; **Celestial**, lavender blue; **Countess of Radnor**, mauve; **Crown Jewel**, yellow, veined with rose; **Duke of Clarence**, claret; **Gray Friar**, watered purple on white; **Katherine Tracey**, pink; **Mars**, fiery crimson; **Navy Blue**, a true blue; **Orange Prince**, orange pink; **Prima Donna**, soft pink; **Ramona**, white splashed with pink; **Sadie Burpee**, white, large flowers; **Stanley**, dark maroon; **Stella Morse**, primrose flushed with pink; **Venus**, salmon buff, shaded pink.

Surprise Collection.

Twenty Packets,
your own selection,
from our "Complete List" on
opposite page for
only 50c, postpaid.

An ounce of Sweet Peas contains from 300 to 400 seeds, enough to sow a single row 25 feet long. Our packets of all are liberal, enough to sow a single row 6 feet long.

Hardy or Everlasting Sweet Peas.

2835. Climbers growing six to eight feet. Flowers red, white, and flesh colored. The roots penetrate the ground to a great depth and survive our winters. Mixed. Pkt. 5c.

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WATLEE BURPEE & CO.

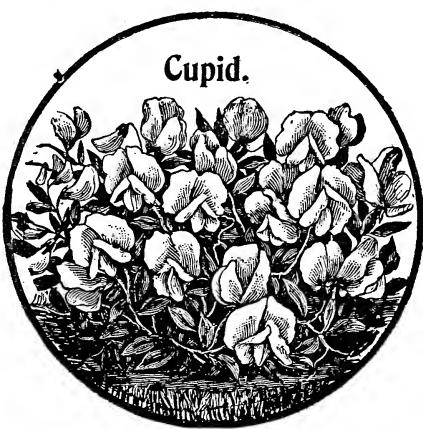


TITLE
"GORGEOUS."



DOUBLE SWEET PEAS.

Cupid.



DWARF SWEET PEAS.

DWARF SWEET PEAS.

White Cupid. This was the original of the Dwarf Sweet Peas. It grows from 6 to 10 inches high, making a dwarf compact plant, spreading over an area of 10 to 15 inches. The flowers are of good substance, two or three to a stem and are fragrant. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c.

Pink Cupid. In habit and manner of growth it almost is the counterpart of White Cupid, perhaps a trifle more dwarf. Flowers pink, two to three to a stem. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c.

Double Sweet Peas.

3810. Unfortunately, thus far, Double Sweet Peas have not yet become so "fixed" that they will all come true from seed. At the best a number of the seedlings show the single form of flower. We offer a number of Double-Flowered Sweet Peas in mixture. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

SWEET PEAS IN MIXTURE.

3829. **Fine Mixed.** This is a very good mixture containing 20 or more varieties. While not equal

to our "Royal Mixture," it can be relied upon to bring plants which will yield lovely flowers. Pkt. 3c; oz. 5c; $\frac{1}{4}$ lb. 10c; 1b. 35c; postpaid.

3830. This also was planned in the same year as our "Bouquet Collection." Seeds from our "Royal Mixture" have been planted over a wide extent of the Middle and Western States, and we

OUR FAMOUS "ROYAL MIXTURE."

have as yet to hear the first evidence of dissatisfaction. We claim that there are in it pure whites, and whites striped with other colors; fiery scarlets; blues, navy, and lavender; pinks of all shades; yellows and many we can not describe. All of these fine colors and others can be found in our ROYAL MIXTURE. Pkt. 3c; oz. 7c; $\frac{1}{4}$ lb. 25c; lb. 60c; postpaid.



SALVIA, CLARA BEDMAN.

SCABIOSA. Mourning Bride.

Summer-blooming border plant, producing very double flowers of various colors. A splendid flower for bouquets.

- 3520. Tall Double Mixed. A. Pkt., 3c.
- 3521. Dwarf Double Mixed. A. Pkt., 3c.
- 3522. Golden Yellow. Dwarf plants. Double yellow flowers. A. Pkt., 5c.
- 3523. Snowball. White. 1½ ft. A. Pkt., 3c.
- 3524. Caucasica. (Hardy Scabiosa.) Pale blue, 2 to 3 ft. Pkt., 5c.

STOCK, TEN WEEKS.

(Gillyflower.)

Seeds of the Stock may be sown in the open ground or in the hot-bed, but if to be transplanted, let it be done when the plants are quite small. A little shade from the hottest sun, and water in the evening, will add much to the size, beauty and durability of the flowers.

All varieties are desirable as pot plants as well as in the open garden. A bed of Dwarf German Ten Week Stock when in bloom is a blaze of showy, most fragrant flowers. 9 to 18 inches.

LARGEST FLOWERING DWARF GERMAN.

| Pkt. | Pkt. |
|----------------------------|----------------------------|
| 3558. Light Blue | 3554. Purple |
| 3559. Crimson | 3555. Blood Red |
| 3560. Canary | 3556. Pure White |
| 3562. Mixed | 3557. Rose |

3561. Wallflower-Leaved. Glossy foliage. Mixed. Pkt., 5c.

3563. Imported collection of 6 distinct colors, 30c. 3572. PARISIAN, of dwarf habit, splendid for pots. Much larger flowers than the German. Mixed. Pkt., 10c.

3565. Snowflake. Pure white flowers, almost like wax. Good for forcing. 9 in. Pkt., 10c.

3566. Princess Alice. (Cut and Come Again.) A perpetual bloomer, of tall branching, habit loaded with white flowers. They seem to like to be cut. Pkt., 10c.

3571. Intermediate. Sow in July. Bloom in fall or early spring. Double mixed. Pkt., 10c.

3570. Brompton. Bushy plants that bloom in winter or early spring. H. H. B. 2 ft. Double mixed. Pkt., 10c.

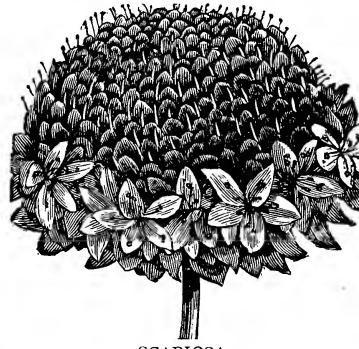
SALVIA. (Flowering Sage.)

Salvias make grand beds of long spikes of brilliant color. Stand heat and drought remarkably well. They are splendid winter blooming plants in sunny windows. Bloom first year from seed. 1½ to 2 ft: H. H. P

- 3510. Argentea. Silvery foliage; white flowers. Pkt., 5c.
- 3511. Coccinea Hybrida. Dark crimson, dwarf. Pkt., 5c.
- 3512. Patens. Deep, rich blue. A lovely shade. Pkt., 15c.
- 3513. Splendens.—(Scarle Sage.) Bright scarlet. Pkt., 10c.
- 3518. Clara Bedman. Differs from all others. Forms a compact bush 2 feet high by 2 feet in diameter. Its bright scarlet flowers standing well out from the plant make it very attractive. Without question it is the best bedding *Salvia* yet introduced. Pkt., 15c.

SALPIGLOSSIS.

3519. Strong bushy plants with curiously and beautifully pencilled and marbled funnel-shaped flowers of richest colors. They are among the best fall flowers. 1½ ft. H. A. Pkt., 5c.



SCABIOSA.

SCHIZANTHUS

(Butterfly Flower.)

3527. Flowers as elegant as Orchids, purple spotted yellow, orange and crimson. Most profuse bloomer. A gem for garden or greenhouse culture. Mixed. Pkt., 5c.

SEDEM. (Stonecrop.)

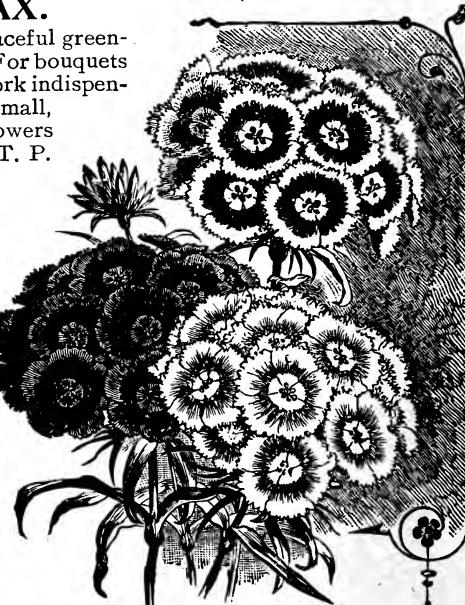
3525. A useful dwarf plant for rockwork baskets. Flowers star-shaped, mixed Pkt., 10c.

SMILAX.

3532. Most graceful greenhouse climber. For bouquets and decorative work indispensable. Leaves small, glossy green. Flowers white, fragrant. T. P. Oz., 75c. Pkt. 10c.

**SCARLET
RUNNER
BEAN.**

3526. A well-known climber with fragrant, scarlet flowers. 12 ft. Pkt., 5c.

SNAP-DRAGONSee *Antirrhinum*.**SOLANUM.**See Jerusalem Cherry
Scarlet, pepper-shaped fruit.

GIANT FLOWERED SWEET WILLIAMS.

SWEET WILLIAM.*Dianthus Barbatus.*

3541. Matchless border plants with sweet scented, large bright heads of flowers of great beauty. Very easily grown. One of grandmother's favorites. H. P.

Mixed. Colors vivid and varied. Pkt., 3c.

Giant Flowered Sweet William.

3540. Enormous in size, often as large as a 25 cent piece. Colors, dark crimson, white, pink, striped and others making fine contrasts. Pkt., 10c., 3 for 20c.

THUNBERGIA.

3581. Rapid-growing annual climber, 4 to 6 ft. high, bearing trumpet-shaped flowers in buff, white, orange, etc., with dark eyes. H. H. A. mixed. Pkt. 5c.

TORENIA.

Torénias are beautiful plants for vases, baskets, and pots. They bloom continuously during summer in the open ground and in winter in greenhouses.

3583. *Fournieri*. Porcelain blue. Pkt. 10c.

3582. *Fournieri compacta*. This has the same lovely blue flowers but the plant is of better habit and covered with flowers all summer long. Pkt. 10c.

3584. **White Wings**. White with flush of rose in the throat. Attractive. Pkt. 10c.

TROPAEOLUM. See *Lobb's Nasturtiums*, page 73.

VINCA OR PERIWINKLE.

Handsome bushy plants. Sown in March, transplanted in May, will bloom first summer in garden. Taken up in fall and potted will flower during winter, 1½ ft. T. P.

3645. *Rosea*. Fine shade of rose. Pkt. 5c.

3646. *Rosea Alba*. White with rose eye. Pkt. 5c.

3647. *Rosea Alba Pura*. Pure White. Pkt. 5c.

3648. *Mixed*. The above varieties. Pkt. 5c.

VIOLET.—(*Viola Odorata*.)

The hardy Sweet Violet that blooms in the spring. They thrive best in a shady place, in moist, rich soil. (*Double Violets do not seed.*) H. H. P.

3614. *Single Blue*. Pkt. 5c.

3625. *Single White*. Pkt. 10c.

WALLFLOWER.

A deliciously fragrant perennial which is by no means as well known as it should be. The old-time gardens were certain to contain many plants, so highly prized were their handsome flowers, some yellow, and others the richest, deepest brown. Invaluable for bouquets. H. H. P.

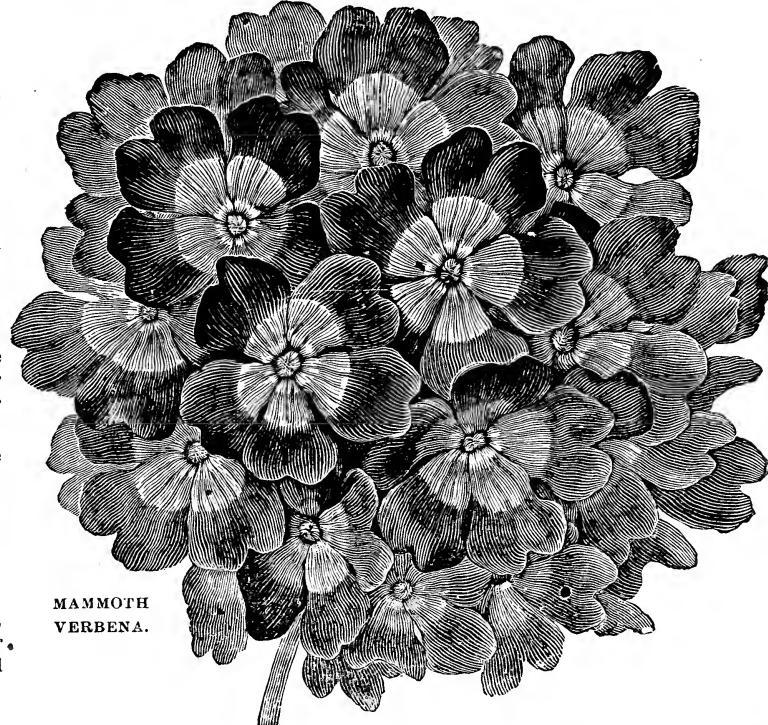
3626. *Double Mixed*. Pkt. 5c.

3627. *Single Mixed*. Pkt. 5c.

WILD CUCUMBER.

(*Echinocystis Lobata*.)

THIS is the most rapid growing vine we know of. It will reach a height of 30 ft. in one season. To cover a pillar or trellis or to embellish an ungainly tree trunk, fences, unsightly buildings, there is nothing which so completely fills the bill as does this. It is thickly dotted over with pretty, white, fragrant flowers, followed by quantities of ornamental and prickly seed pods. Pkt. 5c; ½ oz. 15c.

**VERBENA.**

Few of the plants which go to fill up our garden beds in summer make such a grand display or furnish more flowers for cutting than the Verbena. Start seed in the early spring, in the house or under glass, and transplant where they are to bloom, after three or four inches of growth have been made. 1 foot. H. H. P.

Any of the following. Pkt. 5c; 5 pks. for 20c.

3589. *Pure White*. 3592. *Purple*.

3590. *Vivid Scarlet*. 3593. *Blue Shades*.

3591. *Striped*. 3594. *Choice Mixed*.

3586. MAMMOTH VERBENA. The individual flowers in this class are of much more than ordinary size, and their colors are varied. Added to this the shadings and markings are varied and distinct. In mixed colors only. Pkt. 10c.

3587. NEW DWARF VERBENA. The best for bedding. The very dwarf plants, 6 inches high, surrounded with well-trimmed grass make a handsome bed. Mixed colors. Pkt. 10c.

3585. LEMON VERBENA. Different from all other Verbenas. Its flowers are white and it is prized for its sweet scented foliage. Comes easily and very true from seed. Pkt. 7c.

ZINNIA.

General favorites. Thrive in any soil. Plants form bushes two to three feet in height, and the very double flowers of various colors form solid heads like Dahlias. H. H. A.

3653. Giant Flowered. The best of all Zinnias. Flowers brilliant, very double, five to six inches across. Mixed. Pkt. 5c.

LARGE FLOWERING DWARF DOUBLE ZINNIAS.

3654. *White*. Pkt. 5c. 3655. *Canary*. Pkt. 5c.

3659. *Scarlet*. Pkt. 5c. 3666. *Crimson*. Pkt. 5c.

3660. *Orange*. Pkt. 5c. 3667. *Mixed*. Pkt. 5c.

3670. *Crested and Curled*. Colors orange, purple, pink, rose, etc. Large flowers with twisted and curled petals. Pkt. 10c.

3669. *Zebra*. Flowers striped, spotted, and blotched. Nearly every flower is different in markings. Pkt. 5c.

3672. *Double Mexican*. A dwarf-growing class much admired for its extra fine flowers. Mixed. Pkt. 5c.

3673. *Tall Double*, mixed. Many colors. Pkt. 5c.

3674. *Dwarf Double*, mixed. Splendid variety. Pkt. 5c.

SUMMER FLOWERING BULBS.

BULBS are of easiest culture, inexpensive, and require scarcely any care. They are sure to grow and they make a grand display in a very short time after planting. All bulbs will bloom season after season and they increase very rapidly. Most of them (Lilies are an exception) should be taken up before severe frost and stored away in a frost-proof cellar to be replanted the succeeding spring. Prices given include prepayment by mail unless otherwise noted.

APIOS TUBEROSA.

A climbing vine having deep, rich purple flowers, something like the Chinese Wistaria. They have a delightful violet fragrance and bloom almost constantly. Bulbs are perfectly hardy and it is unnecessary to dig them in the fall. Each 5c.; 5 for 20c.; doz., 45c.

AMARYLLIS.

With a little forethought to plant at different times a succession of bloom may be had throughout the year.

Atamasco. Fine for bedding. Upright flowers, white suffused with flesh color. Each, 5c.; 3 for 10c.; doz., 30c.

Belladonna Major. Blooms in fall. Tall spikes carrying a dozen beautiful, fragrant silvery white flowers tipped with rose. 15c.; 3 for 40c.

Formosissima. Rich, deep velvety crimson. Succeeds in pots or grown outdoors in open ground. Each, 10c.; 3 for 25c.

Johnsonii. Dark red, with white stripes, splendid. Each, 40c.; 3 for \$1.00.

BESSERA ELEGANS.

Pretty, bell-shaped flowers, coral-scarlet with white cups. Very graceful, just the thing for bouquets. Each, 7c.; 3 for 15c.; doz., 60c.

BEGONIAS, Tuberous Rooted.

Of late years these Begonias have been brought to great perfection. They make splendid beds on the lawn when given protection from the hot sun by a muslin or other shade erected about three ft. above them, and as pot plants they are unexcelled. From the time the first flowers expand until frost puts a stop to further blooming these plants are literally covered with flowers of the richest colors, embracing every shade of pure white, rose, pink, scarlet, yellow and orange. The flowers often measure six inches across and are much more brilliant than the most dazzling Geraniums, and the cost is materially less. We offer first class bulbs from a celebrated English specialist.

Single Mixed. Each, 6c.; 6 for 40c.; doz., 75c.

Double Mixed. Each, 20c.; 3 for 45c.; doz., \$1.50.

Colors Separate. Single rose, white, scarlet, yellow or pink. Each, 10c.; 6 for 50c.; doz., 85c.

CALLA LILIES.

Spotted Leaf Calla. Dark green leaves, beautifully spotted with white; flowers white with purple throat. Each, 10c.; 3 for 25c.

White Calla. The well known variety with large white flowers. Each, 10c.

Black Calla. Always scarce. Rich, deep purple flowers of large size. Each, 20c.

CYCLAMEN.

A splendid pot plant for window culture. Each, 25c.; 3 for 60c.

HVACINTHUS CANDICANS.

Luxuriant, free-growing, summer-flowering plant, with flower stems 3 to 4 ft. high, bearing from 20 to 30 pure white flowers. Each, 6c.; 3 for 15c.; doz., 55c.



TUBEROUS BEGONIAS—Single and Double.

CALADIUMS.

Stately plants for planting on lawns singly or in beds with Cannas or Castor Oil plants. Their enormous leaves three feet long, make a grand tropical effect. Will grow in any good garden soil and are very easy to cultivate. Lift them in fall and keep in a warm place over winter.

First Size Bulbs, 1½ to 2 inches in diameter, 15c.; not p pd, 10c.

Larger Bulbs, 2 to 3 " " 30c.; " 15c.

Mammoth Bulbs, 4 to 6 " " 50c.; " 30c.



CALADIUM.

CINNAMON VINE.

A fine hardy climber, and well known in some parts of the country as Chinese Yam. The tubers grow very large and are edible, like a Sweet Potato. The vine is beautiful rapid grower, producing sweet scented flowers. Each, 5c.: 6 for 25c.

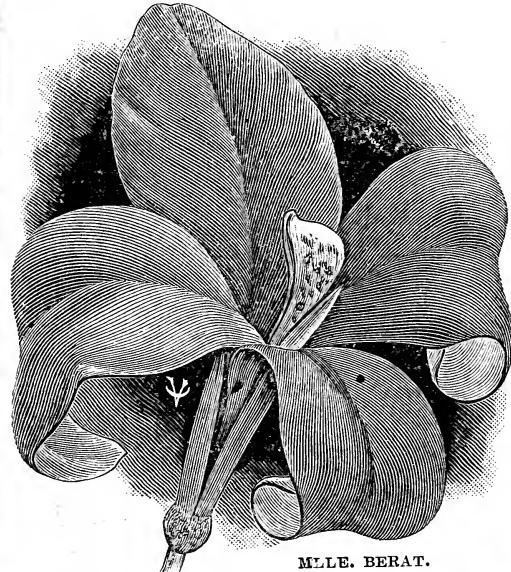
GLOXINIA.

One of the most charming green-house plants. The gorgeously colored flowers are spotted, shaded, or mottled in the most magnificent way. After their blooming season, bulbs should be carefully dried and put away in a dry place. Good bulbs, finest varieties, each, 15c.; 3 for 40c.

The Best *CANNAS* in Cultivation.

IMPROVEMENTS made in the *CANNA* during the past few years in form of flower and diversity of coloring, place this plant decidedly at the head of all others used for bedding purposes. Those who admire something choice on the lawn and to vary the monotony of beds of Geraniums, Verbenas, Pansies, etc., as well as for pot plants in the house in winter, will find their tastes gratified by cultivating Cannas. Do not set them out until ground is quite warm.

Orders will be filled with dormant roots until April 20th. After that date with started plants. All should bloom the coming summer, and in winter also if lifted and potted before frost has touched the plants in the autumn.



Mlle. BERAT.

WELL-KNOWN CANNAS.

Plant a bed of Cannas. The cost is slight and the pleasure great.

ALPHONSE BOUVIER. 6 feet. Large trusses of vivid crimson flowers. Usually there are two to three spikes on a stalk.

CHARLES HENDERSON. 4 feet. A splendid bedder. Flowers crimson; petals wide and well rounded.

EGANDALE. 4 feet. Bronze leaves. Flowers currant red. The finest bedding Canna of its color. Very distinct.

EXPLORATEUR CRAMPBEL. 5 feet. Flowers vermillion scarlet with crimson spots.

FLORENCE VAUGHAN. 4 feet. Broad green leaves. Flowers yellow, dotted with bright red. A famous well tried and hard to beat sort. Constant bloomer.

MADAM CROZY. 4 feet. Scarlet flowers bordered with gold. It is valuable for pot culture and for bedding too.

PAUL MARQUANDT. 4 feet. Extra large flowers of a deep salmon color. Splendid well formed truss. Highly prized and admired by all.

QUEEN CHARLOTTE. 3½ feet. Broad green leaves. Large, rich scarlet flowers with a wide golden band around each petal.

PRICE: Any of the above, each, 10c; 6 for 50c; dozen, 90c.

SPECIAL OFFER: The 17 varieties on this page, 1 good tuber of each by mail, postpaid, for \$1.25.

MIXED BEDDING CANNAS.

These consist of roots grown from tubers the names of which were lost in handling. While they were in bloom the colors were noted and we offer them in mixed colors. They will make a beautiful show planted at the edges of shrubbery or among other plants. State color desired and whether tall or dwarf growing sorts are preferred. We will endeavor to comply with your wishes.

Each, 8c; 3 for 20c; 6 for 35c, postpaid.

6 SELECTED NEW CANNAS.....

DEFENDER. 3 to 3½ feet. An early and profuse bloomer. Among the best of the splashed and striped varieties. Color, clear yellow splashed with bright scarlet.

DUKE OF MARLBOROUGH. 4 feet. Deep green foliage. Flowers dark crimson, rich and velvety. Makes a close head and very large buds.

GOLDEN MOON. 2½ feet. Light green foliage. Rich, golden-yellow; large truss and flower; profuse bloomer.

MILLE. BERAT. 4 feet. Green foliage. Flowers soft, rosy carmine, closely approaching to pink. Plant it with bright reds and yellows for contrast.

PRESIDENT MCKINLEY. 2 to 2½ feet. Deep green foliage. Flowers crimson with scarlet shading. One of the best.

SAM TRELEASE. 3 feet. Green foliage. Flower almost pure scarlet. Its large petals open out flat, forming a large, nearly perfect circular flower.

PRICE: Each, 15c; 3 for 40c; 1 each of the 6 for 75c, postpaid.

GIANT ORCHID-FLOWERED CANNAS

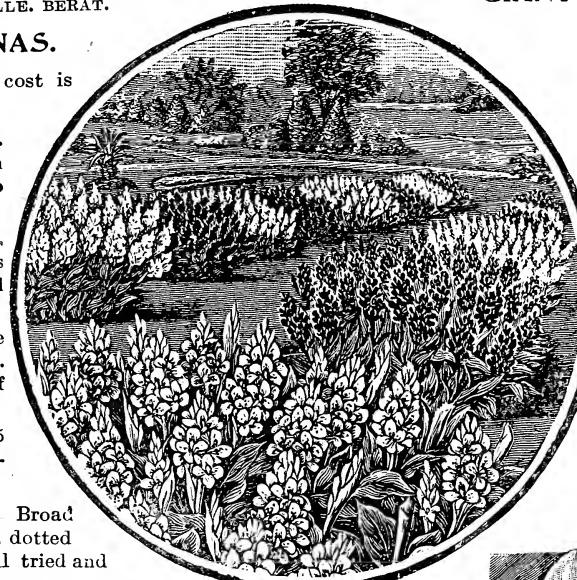
The sensation in floral novelties. In size and brilliancy of flowers and majestic Musa-like foliage, they are entirely distinct and far in advance of any of the large flowering Cannas to date; of remarkable strong growth they soon make fine specimen plants

AUSTRIA. 6 feet high; very large flowers and foliage. Flowers canary yellow, spotted with brownish red.

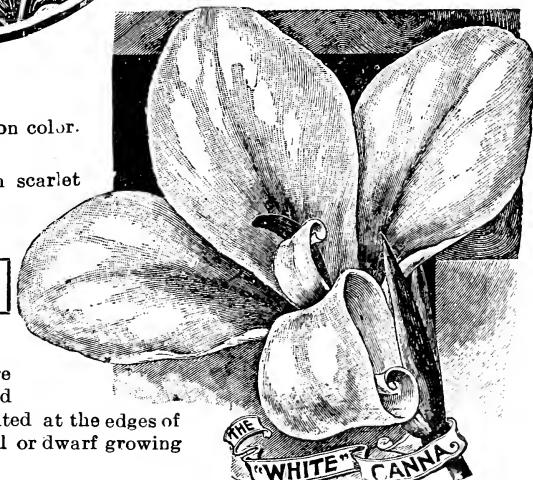
BURBANK. 5 feet. Individual flowers 7 inches across. Canary yellow with small crimson spots.

ITALIA. 5 feet. Flowers red bordered with golden yellow.

Each 15c, 3 for 40c.



CANNA BEDS.



THE
"WHITE"
CANNA

New and Improved

Dahlias

The coming
POPULAR FLOWER.

THE long neglected Dahlia is again fast coming to the front. Set them out the last of May in deep, rich ground. Cover with about three inches of soil. During August and September the plants will be loaded with flowers. We know of nothing more than a well-arranged bouquet other Dahlias. Our collection-to-date. The tubers or DRY size and will flower the same put into the ground until We will book orders any time, hold the tubers until May 1. risk. There is no advantage to be gained by earlier planting.

DRY ROOTS, except noted, each, 20c.; 3 for 50c.; doz., \$2.00, *postpaid*. Larger roots at same price by express, *not prepaid*.

PROF. L. H. BAILEY, Cornell University, says:
"I believe the Dahlia has come to stay as a popular flower. I have the greatest confidence in it and predict a great future for it. Everybody should grow a few Dahlias for their own benefit. It will do them good."

showy for table decoration of long-stemmed Cactus and tion is very complete and up-roots we offer are of good season They should not be settled weather, say May 20. but unless otherwise instruct- If sent sooner at purchaser's

Cactus Dahlias.

Of all the Dahlias, those of the so-called Cactus class, with their large, broad petalled flowers, are most highly prized for decorative purposes.

Crimson Giant. "Hard to Beat." Rich in color, constant in bloom; strong, vigorous grower.

Glare of the Garden. Another good one. Scarlet flowers of odd form; early flowering.

John Bragg. Handsome, showy flowers; dark maroon in color.

Marchioness of Bute. Pure white with rosy tips.

Nymphaea. (*The Pink Water Lily Dahlia.*) One of the finest of all; large, graceful, chaste. Petals broad and waxy; full, incurved center. The color is rare and novel, a clear, light, shrimp pink, shaded darker toward the outer petals.

Panthea. Rich salmon; a peculiar shade. Pretty.

Picta, Formosissima. Orange, striped with scarlet bands.

Professor Baldwin. Bright orange.

Robert Maher. Golden yellow; prolific bloomer.

Zulu. Almost black; well-formed flower.

New Cactus Dahlia.

CLIFFORD W. BRUTON. This superb new variety is acknowledged by all who have seen it to be the finest yellow Decorative Cactus Dahlia ever produced, and is the greatest acquisition since *Nymphaea*. It is a very strong, sturdy grower and a profuse bloomer. Whole roots, 75c.; started plants, 50c.

◎ Pompon, or Bouquet. ◎

These make elegant pot plants, and for outdoor culture are charming. The flowers, though small, are graceful in form, borne on long, slender stems, and valuable for bouquets.

Alba Floribunda. Pure white, neat and chaste.

Eleganza. Pink in two shades, soft and deep.

Juliette. Yellow-shaded orange.

Kate Haslan. Clear pink, ball-like flower.

King of Dwarfs. Dark maroon, rich texture.

Mary Kirk. Pleasing yellow; fine bushy habit.

Mignon. Bright crimson scarlet; showy.

Snowclad. Very full; pure white.

Winnifred. A gem from England. Pure white flowers, occasionally tipped with lavender.

◎ Single Flowering. ◎

Remarkably early and constant in bloom. Flowers large on long stems. By many preferred to double varieties as cut flowers. Any color from white to darkest maroon.



* Double Large

* Flowered. *

Plants grow tall. Flowers globe-shaped, close petalled, rich in texture and color.

Fire King. Blooms very early. Deep scarlet flowers that glow like fire.

General Grant. Orange, striped with chocolate.

Guiding Star. Pure white flowers with toothed or fringed petals.

Marguerite. Deep pink, handsome.

Miss Thatcher. The queen of yellow Dahlias. Early, constant and prolific bloomer. On our grounds last fall this variety was a blaze of golden glory for two months.

Mrs. Langtry. Very large flower, cream colored, edged with crimson.

Prince Henry. Lilac, striped with purple; distinct.

Sunset. Large flower; yellow, flaked with scarlet.

NOTE.—We have many varieties not mentioned herein of all the different classes. If selection is left to us we will send, postpaid, twelve good tubers, part of each class, for \$1.50, or six for 80c. Larger roots at same price by express.

We call special attention to Sheep Manure (see page 48) as a special fertilizer for Dahlias. It produces vigorous growth and greatly increases size of flower.

GLADIOLI.

The most
stately and
effective Plants
produced
by Summer
Flowering
Bulbs.



SPECIAL BULB OFFERS.

Two valuable collections at greatly reduced prices.

50 CENT BULB COLLECTION.

Contains 13 Summer-Flowering Bulbs which we will send free by Mail or Express for 50c.

- | | |
|----------------------|--------------------------|
| 1 Apis Tuberosa. | 1 Hyacinthus Candicans. |
| 1 Begonia, Tuberous. | |
| 1 Tigridia. | 3 Cinnamon Vines. |
| 2 Cannas. | 2 Dwarf Pearl Tuberoses. |
| 2 Gladiolus, mixed. | |

\$1.00 BULB COLLECTION.

Contains 28 Summer-Flowering Bulbs which we will send free by Mail or Express for \$1.

- | | |
|------------------------|--------------------------|
| 2 Apis Tuberosa. | 1 Dahlia, Double. |
| 2 Begonia, Tuberous. | 3 Gladiolus, mixed. |
| 1 Caladium Esculentum. | 2 Hyacinthus, Candicans. |
| 3 Cinnamon Vines. | 1 Tiger Lily. |
| 1 Selected Hardy Lily. | 3 Maderia Vine. |
| 2 Cannas, New French. | 2 Milla Biplo. |
| 2 Pearl Tuberoses. | 3 Amaryllis Atamasco. |

All the above Bulbs are fully described and some of them illustrated in the Bulb Department of this Catalogue. Compare this very low offer with regular rates.

TO the culture of Gladioli we devote a large acreage, and each season our fields when in bloom are a great attraction. They are sure to flower in any soil; have no insect enemies nor diseases; flowers of almost every color. By cutting the spikes when two or three of the lower flowers are open, and placing them in water, the entire spike will open up even to the tip end. They are very effective grown among shrubbery. Set the bulbs six inches apart, three inches deep. Plant from middle of April to first of June.

At single and dozen rate we send postage or express paid. 100 rate not prepaid; 25 bulbs sold at 100 rate.

SELECT GLADIOLI, Under Colors.

Young, vigorous bulbs, sure to produce fine flowers.

Each. Doz. 100

| | | | |
|------------------------------|--------|--------|--------|
| Red and White | \$0 03 | \$0 25 | \$1 50 |
| Pink and Salmon | 5 | 40 | 3 00 |
| Yellow Shades | 5 | 45 | 3 50 |
| Light and White | 5 | 40 | 3 00 |
| Striped and Variegated | 5 | 45 | 3 50 |
| All Colors Mixed | 3 | 25 | 1 50 |

LEMOINE'S BUTTERFLY GLADIOLI.

Flowers of richest texture and most vivid coloring, with peculiar blotches on the lower petals. 3 for 15c.; doz., 50c. *Prepaid.*

GLADIOLUS CHILDSII.

A distinct mammoth race of Gladioli, stronger and more vigorous than ordinary varieties. They have stiff stems four to five feet high, with spikes of bloom two feet in length. Every flower is a perfect beauty and of every color known among Gladioli in this race. Each, 15c.; 2 for 25c.; \$1.25 per doz.

SELECT NAMED GLADIOLI.

- | | | | |
|-------------------------|--|--------------------|--|
| 1. Africain. | Slaty-brown on scarlet ground, streaked with scarlet and pure white. 10c. | 7. Isaac Buchanan. | Very fine yellow. Each, 6c. |
| 2. Angele. | White. Snowy and effective. Each, 8c. | 8. Lamark. | Cherry, white throat. Doz., 40c.; each, 5c. |
| 3. Brenchleyensis. | Bright scarlet. Doz., 40c.; each, 5c. | 9. Lord Byron. | Brilliant scarlet, blotched white. 8c. |
| 4. Ceres. | White, spotted rose. Each, 5c. | 10. Napoleon III. | Scarlet striped white. Each, 5c. |
| 5. Eugene Scribe. | Tender rose, variegated. Each, 6c. | 11. Octofoon. | Very fine salmon pink. Each, 10c. |
| 6. Gen. Phil. Sheridan. | Fire-red, white line running through each petal. Each, 15c. | 12. Shakespeare. | Early; grand flower, white with carmine rose. Large bulbs, each, 12c.; 6 for 60c., postpaid. |
| 13. Martha Washington. | Unexcelled for cut flower purposes. Color light yellow, lower petals tinged with rose. Spike erect, neatly arranged with well-formed flowers. Each, 10c. | | |

COLLECTIONS { A. Nos. 2, 3, 4, 5, 7 for 25c.
NAMED { B. Nos. 1, 2, 4, 5, 6, 10, 11 for 50c.
GLADIOLI. { C. The complete set, 1 to 13, all labelled, \$1.00.

THE QUEEN. Undoubtedly the largest and most beautiful Gladiolus in cultivation. The flowers are rich and velvety, the ground colors of the petals a pearly white, which is striped with a rich carmine, shaded and blotched with a rosy carmine. The plant is a strong grower with a stout flower stock, about three inches high, and remarkably filled out with blossoms on all sides. Each, 20c.; 3 for 50c.

Hardy Lilies.

Lilies thrive best in a dry, rich soil. They should be planted deep, as they form two sets of roots, one below, the other above the bulb. All Lilies offered on this page are hardy enough to stand the winter out doors. It is well, however, to protect them with a covering of litter or straw.

Prices include postage unless otherwise stated.

AURATUM. (*Gold Banded.*) Extremely fragrant and very beautiful. Flowers white, dotted with crimson, with a golden band running through center of each petal. *First size*, each, 15c.; 3 for 40c.; doz., \$1.50. *Not prepaid*, Large bulbs, each, 10c.; doz., \$1.00.

LONGIFLORUM. (*Easter Lily.*) Pure white, trumpet-shaped flowers 6 to 8 inches long. A favorite sort for the garden. *First size*, each, 15c.; 3 for 40c.; doz., \$1.50. *Not prepaid*, Large size, each, 10c.; doz., \$1.50.

Tigrinum. (*Single Tiger Lily.*) Flowers, orange red, spotted black. Each, 10c.; 3 for 25c.; doz., \$1.00. *Not prepaid*, each 5c.; doz., 50c.

Tigrinum fl. pl. (*Double Tiger Lily.*) Very large, double flowers. Each, 10c.; 3 for 25c.; doz., \$1.00. *Not prepaid* each, 8c.; doz., 80c.

Tenuifolium. (*Siberian Coral Lily.*) Of dwarf habit. Flowers, bright red, drooping. Each, 15c.; 3 for 40c.; doz., \$1.00. *Not prepaid*, each, 10c.; doz., \$1.00.

SPECIOSUM.—(*Hardy Garden Lilies.*)

Of easiest culture. Once planted, there to stay.

ALBUM. Pure white. *First size*, each, 20c.; 3 for 55c.; doz., \$2.00. *Not prepaid*, Large bulbs, each, 15c.; doz., \$1.50.

RUBRUM. White ground dotted and shaded with red. *First size*, each, 15c.; doz., \$1.50. *Not prepaid*, Large bulbs, each, 10c.; doz., \$1.00.

MELPOMENE. Rich blood-crimson, heavily spotted. Each, 20c.; 3 for 55c.; doz., \$2.00. *Not prepaid*, each, 15c.; doz., \$1.50.

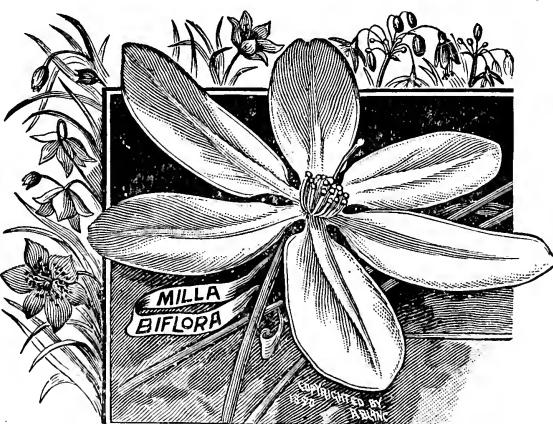
One nice bulb of each of 8 above Lilies for \$1.00 postpaid.

LILY OF THE VALLEY.

Clumps. For outdoor planting. Extra strong. Each, 35c. *Not prepaid*, each, 25c.; doz., \$2.50.

MADEIRA VINE.

The old favorite "Climbing Mignonette." Thick glossy leaves and long, feathery, very fragrant, white flowers. Each, 5c.; doz., 50c. *Not prepaid*, doz., 30c.



MILLA BIFLORA Lovely pure white flowers, usually in pairs. Will keep for days when cut and placed in water. Each, 10c.; 3 for 20c.; doz., 60c.

PAEONIES. See Hardy Plants. Page 92.



AURATUM.

SUMMER FLOWERING OXALIS.

Splendid for edging flower beds, walks, etc. The little bulbs planted 3 inches apart will, during the summer, form rounded rows a foot high, constantly loaded with pink and white flowers. Doz., 10c.; 100, 50c.

TIGRIDIA. Large, exquisitely spotted flowers, which make a beautiful display planted in masses in borders. **Alba**, white, spotted crimson. Each, 8c.; 3 for 20c. **Conchiflora**, yellow. Each, 5c.; doz., 30c. **Pavonia**, crimson, variegated yellow. Each, 5c.; doz., 30c.



TUBEROSES.

No better Tuberose bulbs than we supply are to be had anywhere. They are sure to produce flowers true to name, of fine form and delightful fragrance.

Dwarf Pearl. Stem about 2½ feet. Selected large bulbs. Each, 5c.; doz., 50c.; 100, *not prepaid*, \$2.00.

Tall Italian. Grows 4 feet high. Large bulbs, each, 5c.; doz., 50c.; *not prepaid*, 100, \$2.00.

Variegated Leaved. Foliage striped; flowers smaller than the double varieties. Each, 10c.; 3 for 25c.; doz., \$1.00.

Single. Also called Orange-flowered. Blooms very early. Each, 7c.; doz., 75c.; *not prepaid*, 100, \$3.00.

COLLECTION. 12 Tuberose Bulbs (4 Dwarf Pearl, 4 Tall Double, 2 Variegated-leaved and 2 Single) for 50c., postpaid.

ZEPHYRANTHES. See Amaryllis Atamasco. Page 82.

Roses and Flowering Plants

MAILED, POSTPAID, DIRECT FROM GREENHOUSES.

IN CONNECTION with our mail trade in SEEDS and BULBS, we have made arrangements whereby we can also mail a very choice selection of ROSES AND FLOWERING PLANTS. It is our desire to make our service to customers as complete and convenient as possible. When the seed order is made up, we would like you to include some bulbs and plants also.

All plants sent out are as large as can be safely packed and sent by mail. Notwithstanding the large number of plants which we have forwarded in mail bags, no complaint has ever reached us with regard to the size of the plants. The instances have been rare when packages went astray or arrived other than in good order.

Postage Paid. At prices given we mail all plants (except such as from their size or otherwise are unmailable, and so stated) and prepay the postage, thus making delivery to your post office—often to your door.

How to Order. We will consider it a favor to have orders for plants written either on the back of our order sheet or on a separate slip. When mixed up among seeds a delay is caused in the execution of your order.

Plants Mailed at any Time. Many customers order both seeds and plants at the same time, early in the winter. Seeds are sent immediately, but, if requested, we will book the order for plants to be sent later in the season, at any time up to June. Please be careful to state on the order just what date you want us to mail the plants,—as otherwise we will consider you are ready for them immediately, and will forward soon after seeds in separate pkgs. ~~Should the weather be unfavorable for mailing we reserve the right to hold the order until plants can be expected to travel in safety from danger of freezing.~~

3 GRAND “Soupert” ROSES

Pink., White, Yellow,
by mail for 30 cts.

(Described on next page.)



FOR BEDDING in the open ground Soupert Roses are perfect. The dwarf, bushy plants bear large quantities of medium sized double flowers in clusters, admirably adapted to pot culture, beginning to flower when not over four inches high, and continues without intermission the entire season if kept in a healthy growing condition.

5 NEW H. P. ROSES FOR 60c.

Roses of this class should invariably be planted in the open ground. They will stand considerable hardship. Some do not bloom until the second year, but once established they give large and beautiful flowers.

CLIO. The flowers are perfect in form, with fine, broad petals, and are beautiful at all stages of development; color delicate satin blush, with a shading of rosy pink at center. Free blooming and strong, healthy grower.

HELEN KELLER. The plant is a vigorous grower and produces brilliant rose colored flowers in great abundance from early spring until fall.

MRS. R. G. SHERMAN CRAWFORD. Color is a deep rich pink, outer petals tinted with pale flesh; flowers are large, full, very fragrant and unique.

MARCHIONESS OF LORNE. Large, full, cup shaped; buds long and handsome; rich shining rose color with vivid carmine; hardy, fragrant.

MARGARET DICKSON. The flower is of magnificent form, very double, and the color is a waxy white; petals are large, shell-shaped, and prettily curled back; very beautiful.

PRICE: Each, 15c; 3 for 40c; 6 or one each of THE 5 NEW H. P. ROSES, 60c, POSTPAID.

16 EVERBLOOMING All Colors ROSES.

By Mail for \$1.40, Postpaid.

THIS collection consists of the Soupert and La France Roses, described on this page, and the following Everblooming Roses: 4 each best red, white, and yellow, each correctly labeled. They may be grown either indoors or in the open air. Nearly all will stand the winter with slight protection.

4 LA FRANCE ...ROSES by mail for 35 cts.



LA FRANCE. The sweetest of all Roses perfect, full, globular flowers; silver rose passing to pink; hardy and a constant bloomer. 15c each.

DUCHESS OF ALBANY. Like its famous parent, except in color, which is three or four shades darker; a wonderful deep rose-pink. Superb, fragrant flowers. A great favorite. 15c each.

WHITE LA FRANCE. Large, pearly-white, fragrant flowers, described above. 15c each.

STRIPED LA FRANCE. This lovely caprice will please all with its odd and novel combination of pink and white stripes. Grows and flowers as freely as La France. 15c each.

FOR 35 CTS. we will send, postpaid, one good, strong plant each of the Red, White, Pink and Striped La France Roses offered above.

Ever-Blooming Tea and Hybrid Roses

ALL AT TEN CENTS EACH, 6 for 50c.; dozen, \$1.00, Postpaid.

*Varieties marked * are Hardy or nearly so, with protection of leaves or straw in winter.*

***AGRIPPINA.** Rich crimson; good bedder.

***BON SILENE.** Noted for the great size and beauty of its buds. Carmine-rose, shaded with salmon.

THE BRIDE. Perfect globular, pointed buds of purest white.

CATHARINE MERMET. Of the very highest type; a grand parent variety; silvery pink, delicately shaded in center and at base amber and fawn.



***CHAMPION OF THE WORLD.** A cross between Magna Charta and Hermosa. Perfectly hardy, perpetual in bloom; perfectly double. Deep rosy pink.

CLOTHILDE SOUPERT. Fine for out-door, and by many considered the very finest pot rose; color, a pearly white, with center of tinted salmon peach.

***ETOILE DE LYON.** Deep yellow, double and very beautiful.

***HERMOSA.** Bright rose, medium or small; hardy. It is continually in bloom; not full; very popular.

KAI SERIN AUGUSTA VICTORIA. Pure white with yellow center. Very free. A most promising variety, having the form of C. Mermet.

***MME. HOSTE.** Yellow white, often canary yellow; base of petals often amber colored. One of the finest forcing varieties.

MME. CAROLINE TESTOUT. Flower large, double and globular; clear satiny rose, center brighter; very fragrant.

MARION DINGEE. Deep carmine. Very fine bedder.

MARIE GUILLOT. White, faintly tinged yellow. Large, full and of splendid form. One of the most beautiful.

***MRS. DEGRAW.** Resembles Appoline, but more prolific. Glossy pink, fragrant and continuous bloomer. Fine bedder; hardy south of Chicago.

METEOR. Velvety crimson. The brightest and best of Hybrid Teas, without a purple tinge.

PAPA GONTIER. Very bright rose or red, large, not double; flower extra good. A first-class forcing variety.

PERLE DES JARDINS. Canary yellow; large or very large, full well formed, stiff stems; very free. The standard forcing Tea, by which all others are compared.

PINK SOUPERT. This is a beautiful bright pink and contrasts finely with the other varieties; blooms freely and produces double blossoms. A great beauty.

***PRINCESS BONNIE.** Crimson, petals streaked white inside.

***SAFRANO.** Saffron and apricot; yellow, large, semi-double, beautiful in bud; very free.

SOUV. DE LA MALMAISON. Flesh shaded fawn; large, very full, flat. A fine rose.

SOUV. DE PRESIDENT CARNOT. Long bud of Nipheta shape; flesh color, shaded with rosy white at the edge of the petals.

YELLOW SOUPERT. Color, a beautiful light yellow, shaded to white at edge of petals; plant, dwarf, bushy and very free flowering in clusters. It is a valuable sort.

... Hybrid Perpetual Roses...

ALL the roses included under this class are thoroughly hardy; that is, they will live through winter in almost any part of the United States.

We can supply selections from the list on this page by MAIL ONLY. For field grown, large plants for immediate effect, see page 92.

ALFRED COLOMB. Crimson, large fragrant flowers.

AMERICAN BEAUTY. Flowers very large and double; color, rich crimson; very fragrant.

ANNA DE DIESBACH. Bright carmine; sweet.

BARON DE BONSTETTIN. Blackish crimson with bright red shading.

CAPRICE. A striped red rose; ground color, soft pink marked with rose.

COQUETTE DES ALPS. White, tinged blush; fine.

FISHER HOLMES. Rich velvety crimson, large and fragrant.

GEN. JACQUEMINOT. Bright crimson. A universal favorite.

GEN. WASHINGTON. Red, shaded with crimson; flower flat.

JOHN HOPPER. Bright rose; fine form. A highly prized variety.

LA REINE. Clear light rose.

MADAM CHAS. WOOD. Bright crimson with deeper shading.

MAGNA CHARTA. Dark pink; double and full; easy to grow.

MADAM PLANTIER. Pure white; a profuse bloomer. This is a splendid cemetery rose; unlike the other varieties, it should never be pruned.

PAUL NEYRON. Deep rose color; largest of all, perfect in form.

PRINCE CAMILLE DE ROHAN. Velvety crimson, shading to dark maroon; very handsome.

ULRICH BRUNNER. Cherry red flowers, beautifully shaped buds.

VICTOR VERDIER. Rose color, crimson center; large and full.

PRICE:—Any of the above Varieties, Each, 12c.; 3 for 30c.; 6 for 55c.; 12 for \$1.00, Postpaid.

• • Hardy Climbing Roses • •

THE PLANTS of this class of Roses are used for covering trellises, walls, pillars, etc. They grow with great rapidity, are perfectly hardy, have beautiful foliage and produce flowers in large clusters.

4 RAMBLER ROSES

in four different colors,

CRIMSON, WHITE,
PINK, YELLOW,

all 4 for 50 cents, postpaid.

These roses should be in every garden. There is nothing in their class which will in any way compare with them.

The RAMBLER Roses will grow from 8 to 10 feet in one season. The size of their beautiful fragrant flower heads is remarkable. The foliage is thick and heavy. Flowers when cut last two weeks in water. May be grown as a pillar rose, trained on an arch, or over the surface of the ground.

Crimson Rambler. Crimson.

White Rambler. Pearl white.

Pink Rambler. Pink.

Yellow Rambler. Golden yellow.

PRICE: Each 12c; 3 for 35c; 6 for 60c.
10 for \$1.00, postpaid.



DOUBLE MEMORIAL ROSES.

The habit of these new roses is the same as the Rose Wichuriana, or Memorial Rose. The growth is creeping, and therefore can be used to cover ground, stems of trees, pillars, posts, trellises, or any other purpose desired, including pot culture.



MANDA'S TRIUMPH.

WICHURIANA HYBRIDS.

Manda's Triumph. White, fragrant flowers, double to the center.

South Orange Perfection. Rosy blush. Distinct from all others.

Universal Favorite. Pink. A fitting companion to Triumph.

Pink Roamer. Single; flowers are pink with white center. A strong and vigorous grower.

PRICE: Each, 15c; or one each of the five varieties for 50c, postpaid.

Other Climbing Roses

BALTIMORE BELLE. Pale blush, shading to rose.

EMPEROR OF CHINA. This is a new and a valuable perpetual blooming climber. It commences flowering the first of May and except under some especially trying circumstances, such as long drought, it will bloom repeatedly until late fall. Flowers are small, delicate, fragrant and waxy. Bud is dark red, changing to a red or pink.

SEVEN SISTERS. Color varies from white to crimson.

PRairie Queen. Bright pink.

RUSSELL'S COTTAGE. Velvety crimson.

TENNESSEE BELLE. Rosy blush.

MARY WASHINGTON. Pure white.

All the above have double, sweet-scented flowers. They are all well tried and climate tested. Will live through the winter outdoors.

PRICE: Each 12c; 3 for 35c; 1 each of the 7 for 65c, postpaid.

Hybrid Sweet Briars.

A UNIQUE class of Roses of great beauty. They are crosses between the well known Sweet Briar and other roses. All possess the delightful fragrant foliage and strong, vigorous growth of the Briar. They are as hardy as oak trees. Their flowers are single, many shades of color, and are borne in great profusion. We offer in three colors, red, white and pink.

PRICE: Each, 15c; 3 for 40c; 6 for 75c.

MOSS ROSES.

Well known and highly valued for their large, sweet flowers, enveloped in mossy envelopes, of charming beauty; absolutely hardy and of the easiest culture. They bloom very freely and are among the most beautiful of roses, succeeding on any good soil.

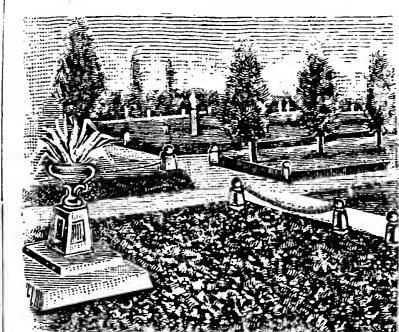
Blanche Moreau. Blooms in large clusters; pure white, fragrant, mossed deep green.

Crimson Globe. Rich, bright crimson, full and double.

Princess Adelaide. Large, very double and full; lovely, bright, rosy pink; profuse and a strong grower.

PRICE: Each, 15c; 3 for 40c; 6 for 75c.

The Hardy Memorial Rose.



(ROSA WICHURIANA.)

It is difficult to think of any plant more appropriate for use in cemeteries than this.

It creeps on the ground like ivy; dark green leaves.

Has numberless satiny white single flowers with golden yellow di ks.

It is hardy as grass and will grow in sun or shade.

It may be trained to a fence or house with equal success, or it may be trained in arch to m to make a perfect bower.

Each, 15c; 2 for 25c.

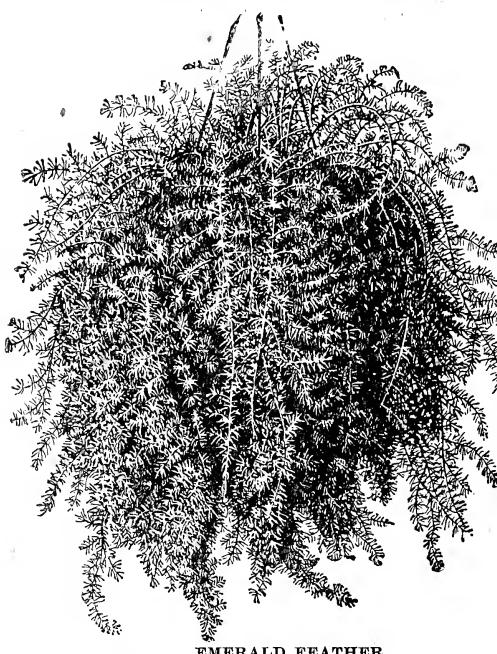
....TREE ROSES....

These are made by grafting Hybrid Perpetual Roses on hardy rose stalks. The plants are 4 to 5 feet high, having large tree-shaped heads, which, when in bloom, are very showy. We have them in different colors, such as white, pink, red and crimson. Please express your preference. They are so large they cannot be sent by mail.

By express, Each, 50c; 3 for \$1.40.

Mail size plants are of good form, well rooted and as large as can be sent through the mail. We strongly recommend the larger, field grown plants offered on page 92, as most of them will bloom first season and all will produce immediate effect.

A Selection of Well-Known Plants.



EMERALD FEATHER.

UMBRELLA PLANT.

(*Cyperus Alternifolius*.)

HIIS is one of the easiest plants to cultivate, indeed it will grow in a bowl, dish or vase partly filled with soil and water. It is also used to advantage outdoors in fountains and around the edges of ponds. Throws up stiff leaf stalks with spreading, umbrella-like leaves. From the center of these appear small flowers followed by young plants. It is a splendid decorative plant, being as ornamental as a palm or fern, and above all, it is as easily grown as the commonest weed, as it will thrive in shade as well as sun. Each 12c; 3 for 30c, postpaid.



JAPAN CEDAR.

SELECT CARNATIONS.

NEXT to Roses, Carnations are sought after. The flowers are very fragrant and are borne in the greatest profusion. Carnations branch freely, making thick, compact plants, which are continually loaded with most beautiful flowers, and bloom perpetually. Just the sort for windows in winter and for bedding out during summer. The following list embraces the best varieties up to date. Each 10c; 6 for 50c, postpaid.

Bonton. Bright scarlet; large, deeply fringed flower. Strong, vigorous grower.

Daybreak. Bright flesh color. This variety lasts a long time when cut, and is greatly admired.

Eldorado. Clear yellow, the edge of petals tipped with pink.

Evelina. A fine white, of good size and form. Has earliness, great freedom of bloom, and continuity among its good points.

Firefly. Deep scarlet. An early bloomer.

Flora Hill. Florists say this is the best white. It is of easy culture, and wonderfully free to bloom.

Gold Nugget. Deep yellow with slight red markings. The flower while not large, does not burst open. This fine Carnation has taken the lead in its class.

Jubilee. An intense scarlet. Large, well-rounded flower. It seems to prefer a strong, stiff soil.

Wm. Scott. The most popular Pink Carnation of the day. Flowers large and non-bursting. Stems long and stiff. You make no mistake in buying several plants of Wm. Scott Carnation.

One each of above nine Carnations for 70c, postpaid.

These are sent by mail, postpaid, at prices here named.

CLIMBING LACE FERN.

(*Asparagus Plumosus*.)

HAN exceedingly beautiful climbing plant which thrives in the ordinary living room. The leaves are deep green, as fine as lace, and are prized in decorations. Each 15c; 3 for 40c, postpaid.

EMERALD FEATHER.

(*Asparagus Sprengeri*.)

TIS a strong, vigorous plant, very easily grown. Of drooping habit it is just the thing for a hanging basket or pot. Its lovely green sprays keep on growing fresh and green. The cut fronds work into bouquets very nicely. Each 15c; 3 for 40c, postpaid.

JAPAN CEDAR.

(*Cryptomeria Japonica*.)

HIS is a lovely evergreen which can be grown with great success by the most inexperienced. It makes a charming decorative pot plant and an excellent companion for Palms, Ferns, etc. It will continue handsome under the most unfavorable conditions. Each 20c; 3 for 50c, postpaid.

COLEUS.

Unexcelled for Bedding.

CHESE so-called Foliage plants with lovely leaves in many variegated hues have been used for many years as among the most beautiful decorative plants. It is difficult to describe the tints shown by the different varieties. We name the following as those which will stand the hot sun and retain their colors.

Golden Bedder. Deep golden yellow.

Firebrand. Dark crimson, shaded scarlet. Has strong foliage.

Verschafeltii. Velvety crimson.

Golden Crown. Yellow spotted with green. Enduring in color.

Each 8c; 4 for 30c, postpaid.

A SPECIAL OFFER.

4 Choice Carnations, our selection of varieties, in pink, scarlet, white, and yellow, for 30c. postpaid.



CHRYSANTHEMUMS.

CHRYSANTHEMUMS have gained a prominence attained by possibly no other plants than Roses and Carnations. Their popularity is well attested by the crowds who attend the fall flower shows now held in almost every large city. Our list has been carefully compiled from the best prize-winning varieties.

Of the easiest growth they quickly make large plants either in open ground or in pots. Partial shade, fairly good soil, and moderate watering will bring satisfactory results.

Each, 15c; 6 for 50c, postpaid.

FISHER'S TORCH. Bright, fiery red, the richest shade in Chrysanthemums; large, fine flower.

IVORY. Unexcelled for pot culture or cutting; pure white flower of exquisite form and finish.

J. A. LAGER. Reflexed, of great depth. Petals long and twisted, open at the end, of pure yellow.

MAUDE DEAN. An immense pink variety; finely incurved; petals broad, shell shaped. One of the largest flowers exhibited in the fall shows.

MAJOR BONNAFFON. Soft, clear yellow; full in the center, eight inches in diameter and nearly as deep. In perfect form and finish; habit dwarf.

MME. F. BERGMANN. The finest of all the early whites; very large and full, and of the purest white, with creamy center; a strong, sturdy habit; fine foliage. The most popular white variety with florists for early forcing.

MRS. E. G. HILL. One of the earliest of all large flowering sorts. Flowers very large; color, delicate pearl pink. A grand incurved variety.

MRS. HENRY ROBINSON. In the entire Chrysanthemum family there is no grander white variety. A perfect ball of snow of handsome build.

NIVEUS. A grand, snow white variety; center irregularly incurving with outer petals reflexing nearly to the stem. Constitution robust; foliage large and abundant, while the keeping qualities of the flowers are unsurpassed.

THE QUEEN. One of the grandest of all whites, especially for exhibition.



4 COLOR COLLECTION

One plant each
of
PINK, RED,
WHITE,
and **YELLOW**,
our selection of
sorts,
for 30c, postpaid.



HERBACEOUS HYDRANGEAS.

GRAND pot plants with immense heads of bloom. Just the thing for a porch or veranda. Partial shade and abundance of water are required during the growing season. Must be put in the cellar in fall.

OTAKSA. The pink flowered Japanese variety. Always a favorite.

RED-BRANCHED. This also produces rose-colored flowers, and its branches are dark red, brightening as they near the flower trusses.

THOMAS HOGG. Large, pure white flowers. It is almost as hardy as the well-known *Paniculata*. Each, 20c; three (1 of each) for 50c, postpaid.



FLOWERING PEA BUSH,

Or Mongolian Honeysuckle.

ONE of the most popular plants in our catalogue. The plant in time grows to a shrub of 5 to 6 feet in height. While young it branches out close to the ground spreading in all directions. It is an abundant bloomer, in fact covered with flowers which are deep violet-red with a white and yellow spot at the base of petals. Stands the severe climate of Northern Winters. Its exceeding hardiness will make it a valuable addition to garden shrubs. Each, 15c; 3 for 40c, postpaid.



CURIOS FERN BALLS.

INTRODUCED but two years ago, thousands have already been sold. They thrive in the window hung up by a cord. Require no soil. When growing should be watered 2 or 3 times a week.

The center is moss covered with fern roots twisted together. After watering they start into life and in a short time are covered with a mass of beautiful green foliage. If desired they may be allowed to dry up, which is very convenient when a person goes on a summer vacation. If desired they may be cut in halves and placed in a fern dish. Each, 75c; postpaid. Larger balls at same price by express but not prepaid.

DORMANT
TWO-YEAR-OLD

EXTRA LARGE HARDY ROSES.

Dormant Roses as at first

 seen are liable to prove a disappointment. They are budded low upon Manettia stock and may be relied upon to produce the color of flower agreeing with description if the simple precaution is taken of setting the budded portion below the surface of the soil. They are leafless—apparently lifeless. Can be planted out very early in spring. Much more so than the plants taken from greenhouses.



Special Notice.



ALL PLANTS offered upon this page must be shipped by express or freight at expense of purchaser. For smaller plants delivered post-paid, we refer the reader to pages 87, 88, 89.

We would suggest that the PLANT order be sent early—with that for seeds. Past experience has proved that there is much to be gained by foresight in placing your order.

Hybrid Perpetual Roses.

These we can supply at any time up to April 15. No garden is complete without a bed of these beautiful roses with flowers three inches and over in diameter.

Two-year-old field grown plants, each 25c; doz. \$2.50. Not Prepaid.

Alfred Colomb. Crimson, large, fragrant flowers.

Anne de Diesbach. Bright rose color, very large.

Abel Carriere. Purplish crimson, shading in the center to red.

Antoine Mouton. Deep rose, fringed with lilac; full form.

Baroness de Bonstetten. Dark red, exceedingly fragrant.

Baroness Rothschild. Light rose.

Boule de Nieve. Pure white.

Captain Christy. Delicate flesh color.

Coquettes des Alpes. Pure white flowers, exquisite in form.

Fisher-Holmes. Rich velvety crimson, large and fragrant.

Francois Levet. Clear bright rose, delicately shaded carmine.

General Jacqueminot. Rich velvety crimson; magnificent bud.

General Washington. Red, shaded with crimson.

Giant of Battles. Intense crimson, delightfully fragrant.

La France. Silvery rose, flower large and of distinct fragrance.

La Reine. Clear light rose; perfectly hardy; fine form.

Mabel Morrison. Pure white.

Mme. Plantier. Pure white; a favorite for cemetery decoration.

Mme. Victor Verdier. Crimson.

Magna Charta. Pink, suffused with rose; immense flowers.

Paul Neyron. Deep rose color; largest of all, perfect in form.

Prince Camille de Rohan. Velvety crimson, shading to maroon.

Perles des Blanches. Pure white, an exceedingly free bloomer.

Ulrich Brunner. Cherry red flowers, beautifully shaped buds.

With other named sorts of similar colors.

Moss Roses. Admired for their beautiful buds enveloped in a mossy fold. Being entirely hardy they are desirable for culture in the open ground. Please state color of flower you prefer. We supply either white or pink. Large field-grown plants, each 35c; dozen \$3.50, not prepaid.

Large Hardy ROSES for the Cemetery.

The Memorial Rose. (See page 89 for illustration.) Once planted will take care of itself. It is as hardy as grass and will grow in sun or shade. Its natural habit is to creep like an Ivy, but it may be trained to climb, and used to good effect in covering walls and trellises. Strong plants, each 25c, not prepaid.

Madame Plantier. As a cemetery rose is still without a rival. The flowers are borne in the greatest profusion, and are of the purest white. Hardy as an oak and almost certain to grow, it is not to be wondered at that it still holds its own against all comers. Price, strong plants of above for this season's blooming, each 25c; \$2.50 per dozen, not prepaid.

Climbing Roses.

To meet the requirements of persons who wish for immediate effects, we are prepared to furnish those named below in extra large plants, each 25c; 6 for \$1.35; doz. \$2.50, not prepaid.

CRIMSON RAMBLER. This fine rose is of very vigorous growth, producing shoots from 8 to 10 feet long in one season, when well established; flowers the brightest crimson color, in large trusses of pyramidal form; free flowering; continuous bloomer.

BALTIMORE BELLE. Literally a sheet of fragrant, pale-blush, blooming in early summer.

SEVEN SISTERS. Large clusters of roses shaded from white to crimson, no two alike in cluster. Fine and odd.

QUEEN OF THE PRAIRIE. A distinct rose, with deeply sunken center, making a cup-shaped rose of much beauty.

Cree Roses. Rose specialists take various colored H. P. Roses and graft them upon stems 5 to 6 ft. high. They have large tree-shaped heads. State color desired.

By express, each 50c; 3 for \$1.40.

Hardy Vines, Plants, and Shrubs.

WHEN two sizes are offered, the first-named price is for young plants which we send by mail, postpaid. Most of the large plants listed are two-year-old and field grown. They are too heavy to mail and are shipped by express or freight only at the purchaser's expense.

ALMOND. Double Red and Double White.

They can be forced in pots and brought into bloom in winter. In the garden they flower very early in spring. Field grown plants, 2 to 3 ft. high, each 30c, not prepaid.

ALTHEA. Rose of Sharon. From early summer until frost the Althea is in bloom with its large camellia-like flowers of double rose, purple, or white. Strong bushes, 2 to 3 ft. high, each 35c, not prepaid.

AMPELOPSIS.

Veitchii (BOSTON IVY). One of the most desirable climbers for covering walls, as it clings to the smoothest surface, clothing it during summer with a mass of deep green overlapping leaves. These change in autumn to bright yellow and crimson. This vine is perfectly hardy, yet a protection of straw around the roots is beneficial. Young plants each 12c; 3 for 45c, postpaid. Heavy plants, each 20c; 3 for 50c, not prepaid.

Quinquefolia (VIRGINIA CREEPER). This is useful for the same purpose as the Boston Ivy. It is of more sturdy growth, having larger leaves and very strong tendrils. Large plants only, each 20c, not prepaid.



AMPELOPSIS VEITCHII.

ARISTOLOCHIA SIPHO (DUTCHMAN'S PIPE). A climber which frequently attains 20 ft. in height in one season. It is used chiefly to form arbors or screens, having immense heart-shaped leaves. Flowers are brown and in form look like a pipe. Heavy field grown plants, each 35c; 3 for \$1.00, not prepaid.

BERRERRY, Purple Leaved. Bears yellow flowers in May, followed by violet-colored fruit in autumn. Plants 2 to 3 ft. high, each 25c, not prepaid.

BIGNONIA. Radicans. The well-known Trumpet creeper. Flowers three inches long; orange red. Three-year-old plants, each 30c, not prepaid.

BLEEDING HEART.

An old time favorite which blooms early in spring. Pink and white, heart-shaped flowers. Each 15c. postpaid. Larger roots, each 20c; 3 for 50c, not prepaid.

CALYCANTHUS Floridus. Also known as sweet-scented shrub, and Carolina allspice. Brownish-purple, delightfully fragrant, flowers in May and June. Plants 18 in. to 2 ft. high, each 20c; 3 for 50c, not prepaid.

LARGE
FLOWERED

CLEMATIS.

CHE CLEMATIS is justly termed "Queen of the Climbers." There is nothing to compare with it for covering porches, pillars, trellises, or any tall object. Wire seems to be the best material to train them on. Their growth is so rapid they will reach a height of 15 ft. during the season. The flowers not infrequently measure 4 to 6 inches in diameter. Clematises once planted are there to stay; they require no protection and little care.

FOUR FINE CLEMATIS.

All Different for 50c. Postpaid.

All Hardy as an Oak. Each One Is a Gem.

Henryi. Single white. The best one of its color.

Jackmanni. Rich, royal-purple flowers.

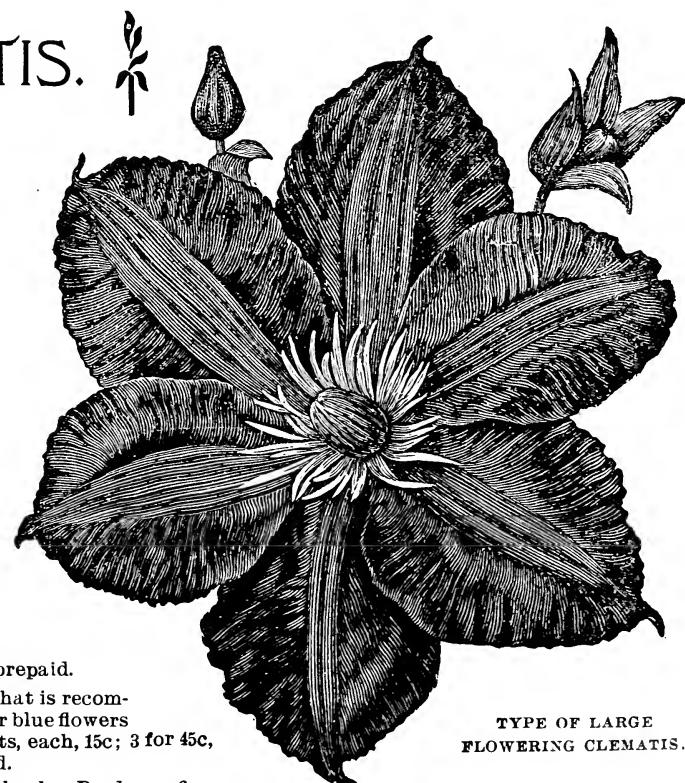
Mad. Baron Viellard. Light red with lilac shading.

Mad. Edouard Andre. Carmine, the nearest approach to a red Clematis yet introduced.

EXTRA SIZE PLANTS for immediate effect. For this purpose we annually import very large, heavy 3-year-old roots of the above and other standard varieties. Price, 60c each; by freight or express, not prepaid.

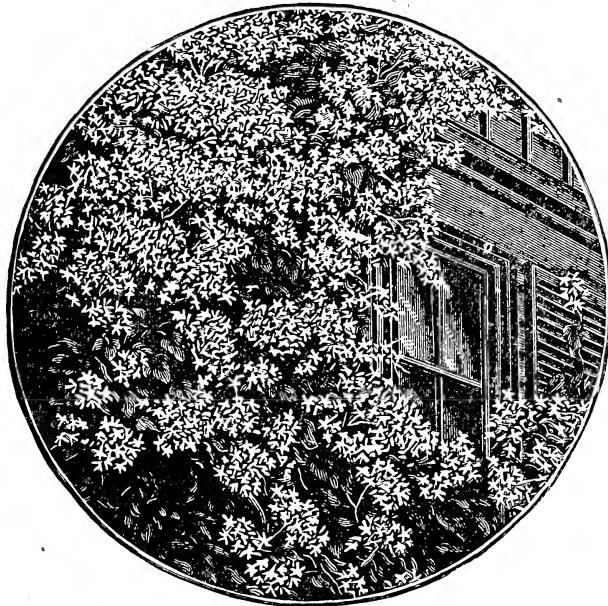
CARYOPTERIS. Blue Spiraea. A recent introduction that is recommended. An upright growing shrub, whose lavender blue flowers are produced from August until frost. Young plants, each, 15c; 3 for 45c, postpaid. Field grown plants, each 25c, not prepaid.

DOGWOOD. Red twigged. Forms a strong, bushy shrub. Produces fine white flowers in June. The stems and branches turn blood red in winter. Large plants, 2 to 3 ft. high, each 25c; 5 for \$1.00, not prepaid.



TYPE OF LARGE
FLOWERING CLEMATIS.

HARDY VINES, PLANTS, AND SHRUBS.—Continued.



CLEMATIS PANICULATA.

CLEMATIS PANICULATA.

(*New Sweet-Scented Japan Clematis.*)

CONE of the most beautiful climbers. It is as hardy as an oak. The flowers are pure white, small, but borne in large clusters, covering the plant during August and September with a sheet of fleecy white. This clematis has a pleasing fragrance. It is particularly useful to cover trellises, pillars, or verandas. Makes extremely rapid growth. It should be cut back in the spring, to the ground. Mail size, each 12c; 3 for 30c, postpaid. Large 2 year old plants, each 25c; 5 for \$1.00, not prepaid.

DEUTZIA.

These are hardy shrubs. They all bloom in June. All have pretty foliage, grow upright and make fine plants on the lawn.

Crenate Leaved (*Crenata*). Grow 5 to 6 feet high; profuse bloomer; flowers pure white, tinged with pink.

Crenata fl. pl. Flower double white, tinged with pink, in racemes four or five inches long.

Gracilis (Slender branched). Dwarf, 2 feet high. Flowers pure white. A valuable plant for winter blooming, in pots, indoors. Hardy in garden.

Pride of Rochester. A week earlier than Double Crenate which it resembles. Much larger flowers. Mail size, each 12c; 3 for 30c, postpaid; 5 for \$1.00, not prepaid.

ELEAGNUS, Longipes. Silver-leaved. Flowers yellow, followed by orange-red berries, which, when cooked, make a delightful sauce. A stately shrub. Easy to grow and perfectly hardy. Young plants, 15c each; 3 for 40c, postpaid. Field grown, 2 to 3 ft. high, each 35c; 3 for \$1.00, not prepaid.

FORSYTHIA FORTUNII. The first shrub to bloom in spring. Grows 8 to 10 feet high, with graceful drooping branches. Foliage is a deep, glossy green; flowers, bright yellow. Mail size, each 12c; 3 for 40c, postpaid.

FLOWERING PEA BUSH. This fine shrub attains a height of 5 to 6 feet, branching from close to the ground and spreading out widely in all directions. The flowers are of a deep violet red, with a white and yellow spot at the base of petals. It is one of the most popular plants in our list, selling far in advance of all others last season. Young plants, each, 15c; 3 for 40c. No large plants to offer.

HOLLYHOCKS.

JEW hardy plants are appreciated more than Hollyhocks. For planting in rows or groups on the lawn or interspersing among shrubbery they are invaluable. The flowers, which are as elegant in shape as a Camellia, form perfect rosettes of the most lovely shades of crimson, yellow, pink, orange, white, etc. We have field-grown young plants, ready to bloom this year. Mail size, each 15c; 3 for 40c; postpaid. Larger plants, each 25c; 6 for \$1.00, not prepaid.



HONEYSUCKLES.—(CLIMBING.)

It is not generally known that these Honeysuckles trained upon a wire fence, make very pretty hedges. Other climbing vines answer the purpose, but the sweet-scented Honeysuckles have fragrance as well as beauty to recommend them. They should be planted 2 ft. apart.

HALL'S JAPAN. Almost evergreen; holds its leaves until January. Pure white flowers, changing to yellow.

MONTHLY FRAGRANT. Leaves tinged with red; flowers are red and yellow. Blooms all summer.

SCARLET TRUMPET. Bright red trumpet-shaped flowers. Mail size, young plants, each 12c; 3 for 40c; 12 for \$1.00, postpaid. Large plants, each 25c; 6 for \$1.25, not prepaid.

TARTARIAN HONEYSUCKLES.—(Upright.)

RED TARTARIAN. Well known and popular shrub for the lawn or garden. Blossoms in May and June.

WHITE TARTARIAN. Like the preceding but with white blossoms. Mail size, each 12c; one of each for 20c, postpaid. Large plants, each 25c, not prepaid.

HARDY PLUMED HYDRANGEA.

(*Hydrangea Paniculata Grandiflora.*)

The finest hardy shrub in cultivation. Adapted to any part of the country, perfectly hardy, stands heat and cold remarkably well. For the cemetery there is no better shrub. Grows 3 to 4 feet high, blooms from July until frost. Its flowers are nearly a foot in length, white when they first open, afterward changing to rose, remaining in good condition for weeks. Mail size, each 10c; 6 for 50c, postpaid. Field-grown plants, each, 25c; 3 for 60c, not prepaid.

IRIS. These are neat, hardy plants for gardens. There are many beautiful forms and colors.

JAPANESE (*Iris Kaempferi*). Blooms in June. In delicacy of coloring many of the flowers rival the most expensive orchids. Colors mixed, each, 15c; 4 for 50c, postpaid.

GERMAN. These have broad leaves and flowers of rich and elegantly blended colors. Thrive in low ground or marshy places. Assorted colors, each 10c; 6 for 50c, postpaid.

SIBERICA. From Siberia, stands much hardship. Blooms in June. Handsome, blue flowers, each 10c; 3 for 25c.

LILACS.—(SYRINGA.)

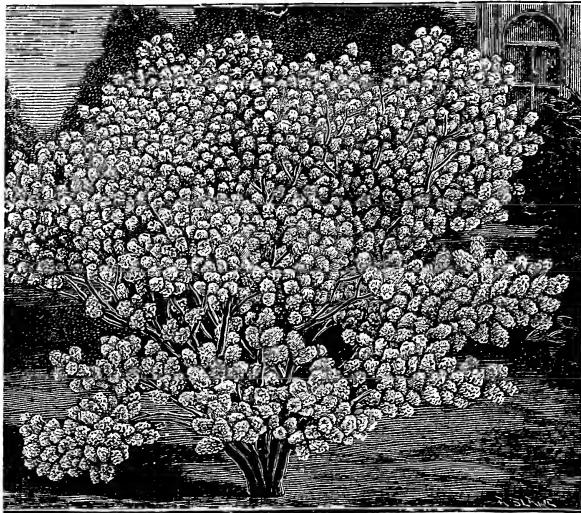
Lilacs stand more neglect, heat, or drought without showing any bad effects, than any other plant and there is hardly any other shrub that can take their place as ornamental plants for borders, etc. They bloom in early spring.

PURPLE. A large, strong-growing and almost universally known shrub, bearing clusters of richly fragrant purple flowers. 25c each, not prepaid.

WHITE. A white flowered form of above, fragrant. 25c each, not prepaid.

NEW PERSIAN. This is a grand lilac. Its purple flowers hang in large, loose panicles. Leaves dark green, smaller than the ordinary lilacs. 25c each, not prepaid.

We can supply field-grown plants only, of Lilacs.



NEW HARDY SHRUB "YELLOW HORN."

PÆONIES.

We grow Pæonies in large quantities and offer them in three colors, white, rose, and crimson. They produce flowers resembling immense roses, some of them delightfully fragrant. They are perfectly hardy and improve year after year as the roots increase in age. Each 25c; 5 for \$1.00, postpaid. Large clumps, each 40c; 3 for \$1.00, not prepaid.

PHILADELPHUS or Mock Orange.

One of the most satisfactory shrubs for the home grounds. It is a sturdy grower with handsome dark green foliage and beautiful pure white fragrant flowers produced in the greatest profusion. Blooms in June. Large bushes, 2 to 3 ft. high, each 25c; 5 for \$1.00, by express, not prepaid.

PINKS. The old-time edging for garden beds. We have the well-known grass pink in pure white and pink. Each 15c; 4 for 50c, postpaid. Larger plants by express at same price but not prepaid.

HARDY PHLOX.

For highly colored masses of flowers on the lawn, or among shrubbery, Hardy Phlox takes the first rank. They are of easiest culture, dwarf in habit and produce great showy heads of bloom. We have a collection of various colors. Each 20c; 6 for \$1.00, not prepaid.

RUDBECKIA, Golden Glow. This should have a place in every garden. A large, showy, rapid growing plant, attaining a height of 4 to 6 ft., the same season planted. Flowers well formed, deep golden yellow, resembling a Yellow Chrysanthemum. These are borne of long stems which are much used as cut flowers. Blooms in July and August. Young plants, each 10c; 3 for 30c, postpaid. Field grown clumps, each 25c; 5 for \$1.00, not prepaid.

SNOWBALL (VIBURNUM.)

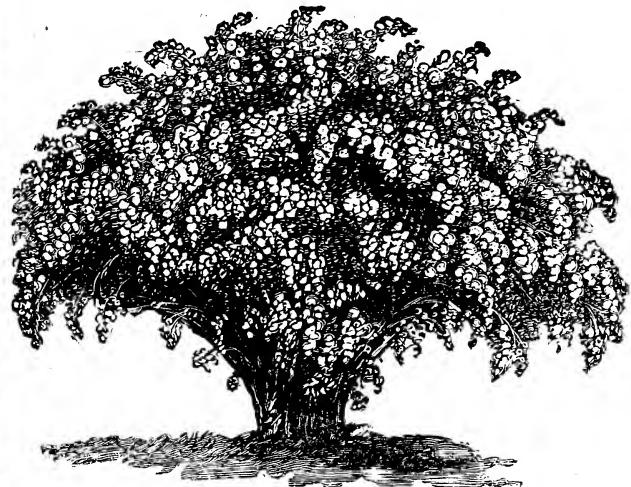
A superb, much admired shrub, bearing in June great clusters of white flowers in the form of a snowball.

Common Snowball. Young plants, each 12c; 3 for 30c, postpaid. Field-grown plants, 2 to 3 ft. high, each 25c, not prepaid.

Japan Snowball. Of better color and form than the above. Its habit is better, foliage handsomer, flower more delicate, each 15c; 3 for 40c, postpaid. Field-grown large plants, each 40c; 3 for \$1.00, not prepaid.

YELLOW HORN.—(Chinese Chestnut.)

A rare shrub, recently introduced from China. The flowers are an inch across, in clusters standing erect about eight inches long, white, with blood-red streaks at the base, followed by three-celled fruits, about size of walnuts. Blooms almost as soon as frost is out of the ground. The bushes are completely covered with white and yellow flowers. Plants 6 inches high will bloom profusely. Young plants, each 15c; 3 for 40c, postpaid. Large plants, 2 to 3 ft., each 35c; 3 for \$1.00, not prepaid.



SPIRÆA VAN HOUTII.

SPIRÆA (MEADOW SWEET.)

All the Spiræas are shrubs of easiest culture and rapid growth. They bloom from the middle of May to the end of August. Their flowers are much prized to bring out the full beauty of a bouquet.

Aurea. Bright yellow foliage. Small white flowers. Young plants, each 12c; 3 for 30c, postpaid.

Billardi. Rose colored flowers produced in July and August. Young plants each 12c; 3 for 30c; postpaid.

Burnalda. A dwarf variety. Blooms nearly all summer. Flowers rose color. Young plants, each 12c; 3 for 30c, postpaid.

Callosa Alba. A dwarf white-blooming sort, which keeps in flower until late. Young plants, each 12c; 3 for 30c, postpaid.

Prunifolia (BRIDAL WREATH.) Pure white double white flowers like Daisies. Blooms in May. Strong upright grower. Young plants, each 12c; 3 for 30c, postpaid.

Reevesii. Blooms in June. Single white flowers; narrow, pointed leaves. Young plants, each 12c; 3 for 30c, postpaid.

One plant each of above 6 for 60c, postpaid.

Van Houtii. When in bloom in early spring it is a weeping fountain of snow white flowers borne on branches two feet or more in length. Field grown plants, 2 to 3 ft. high, each 25c, not prepaid.

Anthony Waterer. It makes a bush about 15 to 18 inches high, covered during the whole season with bright crimson flowers. It is a fine plant for house decoration, grown in a pot, and is perfectly hardy out of doors. Young plants, each 15c; 3 for 40c, postpaid. Field grown stock, 15 to 18 inches, each 35c, not prepaid.

WEIGELA.

Weigelas are shrubs of erect habit while young, but gradually spread and droop as they grow older. Their time of blooming is after the Lilacs are gone and they produce large, trumpet-shaped flowers of all shades and colors from pure white to red. We strongly recommend Weigelas as good shrubs to set out.

Candida. Snow white flowers.

Floribunda. A fine variety. Flowers dark red.

Rosea. Fine rose colored flowers; one of the best.

Variegata. Dwarf in habit, flowers rose-blush colored; smaller than the others. Silvery variegated foliage. Young plants of each variety, each 12c; the 4 for 40c, postpaid. Field-grown plants, each 30c; 4 for \$1.00, not prepaid.

WISTARIA. The Chinese Wistaria is one of the most elegant of all climbing plants. It has long pendant clusters of pale blue flowers in May and June. A very rapid grower. Large plants, each 50c, not prepaid.

YUCCA. A hardy evergreen plant with narrow, bayonet-like leaves. The flower stem shoots up 3 or 4 ft. high and bears a great head of creamy white, bell-shaped flowers. It will thrive almost anywhere. Young plants, each 15c; 3 for 40c, postpaid. Stronger plants, each 30c; 4 for \$1.00, not prepaid.

SELECTED NURSERY STOCK.

ESPECIAL attention is called to the *very superior quality* of the nursery stock we supply. It is **first class** in every respect, **smooth, straight, handsome**. Packing and delivery to railroad depot or express office in Chicago **free of charge**. For light shipments we advise express, larger quantities or heavy packages generally go safely by freight. Purchaser pays transportation charges. State how we shall ship. We will notify you when we do so.

TAKE NOTICE. All on this page must be shipped you by **express or freight at expense of purchaser**; too large and heavy to mail. See following page for those varieties which we can deliver postpaid to your post office.

Apples.

5 to 7 ft. high. Each 25c; doz. \$2.50.
Special rates made on large lots.

Summer and Autumn Varieties.

Early Harvest. Yellow. July.
Red Astrachan. Deep crimson.
Duchess of Oldenburg. Yellow streaked, red, juicy, rich, sub-acid.
Alexander. Large beautiful red apple.
Keswick Codlin. Pale yellow, fine for cooking and market. July.
Snow. Medium, brilliant crimson, mild and agreeable. October.
Maiden's Blush. Large, beautiful.
Wealthy. Large red, sub-acid.
Yellow Transparent. Earliest and best; white, tender, juicy, sub-acid.

Winter Varieties.

Baldwin. Bright red, juicy, crisp.
Ben Davis. Large, handsome, striped.
Northern Spy. Large, striped, mild.
Jonathan. Medium, red, extra quality.
Talman Sweet. Medium, pale yellow.
Wagener. Deep red in the sun.

Crab Apples.

Early bearers; hardy and ornamental. 5 to 7 ft., each 25c; doz. \$2.50.
Hyslop. Crimson. October.
Transcendent. Bright red. September.
Whitney. One of the largest, glossy carmine, juicy, excellent for cider.
Yellow Siberian. October.

The Bismarck Apple. This has been widely advertised and sold in recent years. Because it bears fruit **when two years old**, it has been largely grown in pots for decorative purposes. Fruit large, yellow; fine for cooking. It probably has more novelty than any thing else to commend it. Young plants by mail, 25c each, postpaid. We do not carry in standard (5-7 ft.) size.

Cherries.

4 to 6 ft., each 40c; doz. \$4.00.

Early Richmond. Best early, dark red, sub-acid, juicy. June.

Black Tartarian. Sweet, black, large, juicy, rich. Makes a good shade tree.

Pears.

Those marked (*) can be supplied in standard, (5 to 7 ft.) or dwarf form (4 to 5 ft.) at the same price.

Unless noted, each 40c; doz. \$4.00.

***Bartlett.** Buttery, juicy, great bearer.

***Idaho.** Yellow with russety spots.

Kieffer. Russety yellow.

***Seckel.** Small, yellow, red cheek.

Peaches.

Healthy trees with splendid roots. General size, 4 to 6 ft., each 20c; doz. \$2.00.

We can supply all leading varieties, early, medium, and late bearers.

Plums.

We offer fine trees 5 to 7 ft., of native, European, and Japanese varieties, each 30c; doz. \$2.50.

Abundance (JAPAN). Yellow overspread with cherry. August.

Pottawattomie (NATIVE). Yellow with pink and white dots. August.

Wild Goose (NATIVE). Red with blue bloom; juicy and sweet. July.

Shropshire Damson (EUROPEAN). Dark purple; best for preserving. October.

Quince.

Meech. Large, orange-colored fruit; cooking quality unsurpassed. Young trees 4 to 5 ft., each 30c; 4 for \$1.00.

Grapes.

Two sizes are offered. Young plants by mail, postpaid; and very strong two-year-old stock grown without transplanting. All have plenty of good roots. Mail size, each 15c; 3 for 40c, postpaid. Express size, 20c each; \$2.00 per doz., not prepaid.

Agawam. Red. Ripens early.

Brighton. Red. Fine for the table.

Concord. Black. Well known. Fall.

Moore's Early. Black. Two weeks earlier than Concord.

Moore's Diamond. White. Ripens before Moore's Early.

Niagara. Greenish white. September.

Pocklington. Golden Yellow. A general favorite.

Worden. Black. Earlier than Concord.



Evergreens.

They are grown either as single specimens, or for making compact hedges around cemetery plots and other locations.

Nice plants averaging 1½ to 2 ft.

EACH.

Arbor-Vitae, American. \$.40

Juniper, Irish. For cemetery use.50

“ **Virginica.** (Red Cedar).... .50

Pine, Scotch.50

“ **White.** Forms a tree.... .50

Spruce, Norway. For hedges.... .50

Shade Trees.

For street trees there is nothing better than the Rock or Sugar Maple; Ash is good. For lawns, Cut-leaved Weeping Birch is one of the most beautiful. Linden, Tulip, Maple, Ash, Elm, etc., should have a place in large grounds. Unless otherwise stated these prices are for trees 6 to 8 ft. high.

| | EACH. | DOZ. |
|--|--------|--------|
| Ash, White | \$.50 | \$5.00 |
| “ European | .50 | 5.00 |
| Catalpa Speciosa | .50 | 5.00 |
| “ Tea's Japan | .50 | 5.00 |
| Elm, American | .50 | 5.00 |
| Horse Chestnut. 4 to 5 ft. | .50 | 5.00 |
| Linden. (Basswood) 6 to 8 ft. | .60 | 6.00 |
| Maple, Norway | .50 | 5.00 |
| “ Sugar or Rock | .50 | 5.00 |
| “ Silver | .40 | 4.00 |
| “ Ash-Leaved. (Box | | |
| Elder) 6 to 8 ft. | .40 | 4.00 |
| Tulip. (Whitewood), 5 to 6 ft. | .45 | 4.50 |

Weeping Trees.

The drooping branches of Weeping Trees make this class desirable for cemetery decoration.

| | EACH. |
|---|--------|
| Birch, Cut-Leaved. 6 to 8 ft. | \$.75 |
| Beech, Pendula. 2 to 3 ft. | 1.00 |
| Elm, Camperdown | .75 |
| Mountain Ash | .75 |
| Mulberry Tea's. Two-year heads. | .75 |
| Willow, Wisconsin. 3 to 6 ft. | .50 |

Fruit Plants.

The prices named are for strong, well-established stock — so large that it can not be sent by mail. Sent by express or freight at the expense of purchaser.

Strawberries. 100, 50c. 1000, \$4.00. Varieties: Bubach, Crescent, Jessie, Timbrell, and Warfield.

Raspberries. All varieties described on next page (except Cumberland). Doz. 30c; 100, \$2.00. **Cumberland.** Doz. 75c; 100, \$5.00.

Blackberries. **Iceberg,** the white Blackberry. Doz. \$1.00; 100, \$6.00. **Rathbun**, at same price. **Erie,** Early Harvest, and Kittatinny. Doz. 30c; 100, \$2.00.

Currants. Each 15c; doz. \$1.25. Varieties same as on following page.

Gooseberries. See descriptions next page. **Columbus, Industry, and Red Jacket,** each 20c; \$2.00 doz. **Houghton and Downing,** each 15c; 100, \$1.25.

Small Fruit Plants.

We are prepared to mail during the spring months any of the following Small Fruit Plants. The prices quoted include packing, postage and delivery to any post office in the United States.

Should larger quantities be desired for shipment by express, we will take pleasure in quoting very reasonable prices. Write us for an estimate, stating what you wish to purchase.

STRAWBERRIES.

Those marked with (P.) are pistillate varieties, and must have a row of a perfectly formed sort planted every 10 or 12 feet to pollenate their blossoms. Dozen

Brandywine. Berries large, dark red, fine flavor. Mid-season.....\$.30

Bubach No. 5. (P.) Large size, crimson, good flavor. Mid-season.. .30

Clyde. Bright scarlet, fine flavor. Mid-season..... .30

Crescent. (P.) Light scarlet, bears a long time. Early..... .30

Greenville. (P.) Large and of uniform size, delicious flavor. Late... .30

Jessie. Large glossy crimson, excellent flavor. Early..... .30

Marshall. Berries of very large size; 14 have been known to fill a quart box; dark crimson. Mid-season..... .40

Parker Earle. Very productive, excellent flavor. Mid-season..... .35

Sharpless. Large and very prolific, good flavor. Mid-season..... .30

Timbrell. (P.) Best of the late berries, rich flavor. Late..... .60

Warsfield. (P.) Firm, large, productive, splendid quality. Mid-season .30

Wilson. Second early. Dark red, slightly acid..... .30

Wm. Belt. Enormous berries; bright red, conical, glossy. In quality all that can be desired. If you try but one order this variety. Mid-season .40

GOOSEBERRIES.

Plant in good, rich soil in rows 5 feet apart by 3 feet in the row. Each

Columbus. Greenish yellow; new but well tested, and is good everywhere..... .20

Downing. Pale green, fine quality.. .15

Industry. Dark red, excellent flavor.. .20

Red Jacket. Rich red, good flavor.. .20

Houghton. Lightgreen, an esteemed variety for cooking .. .15

CURRANTS.

The plants of this fruit should be set 4 feet apart in good, rich soil. Cultivate well or mulch heavily. Each

Black Champion. The leading black sort..... .10

Cherry. The popular red currant.. .10

Fay's Prolific. Large bright red fruit .10

Versailles. Very large, red, of excellent quality..... .10

Victoria. Large, bright red..... .10

White Grape. The best white. Large, of excellent flavor..... .10

North Star. Extremely hardy, early and an abundant fruiter. Its quality is good, rich and juicy, and being borne on long stems makes it easy to pick; color red..... .10

RASPBERRIES.

Plant in rows 5 feet apart and 3 feet apart in the row. Dozen

Columbian. A grand berry for the table and canning; purple-red; enormous berries60

CUMBERLAND. A new black raspberry that makes large crops of enormous berries—the largest of all blackcaps. Fruit ripens a little earlier than Gregg, is very black, firm and may be shipped long distances..... .75

Cuthbert. Berries large, dark crimson, and good flavor..... .50

Gregg. Popular market sort, of fine flavor..... .50

Marlboro. The largest of the early red raspberries, and best home sort..... .50

Palmer. Very early and good fruit, productive, high quality..... .50

Shaffer's Colossal. Berries purplish color, rich flavor, very distinct.... .50

Souhegan, or Tyler. Very early and wonderfully productive..... .50

BLACKBERRIES.

Set the plants out in rows 6 feet apart, and 4 feet apart in the row.

New Iceberg. A novelty in fruits. White

Iceberg. The berries are as large, early and abundant as the black ones, and the quality is delicious. This is a genuine and really valuable introduction and will be a novelty for years to come. Each, 15c; 3 for 40c; 12 for \$1.50, postpaid. Dozen

Dewberry, Lucretia. (*Creeping Blackberry.*) Superb quality, a fine fruit..... .75

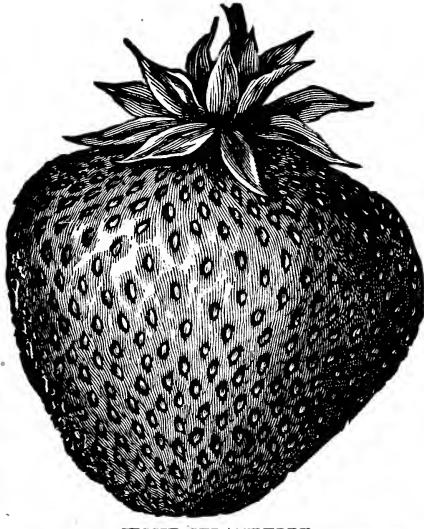
Erie. Fine, large berries, canes very hardy. a grand variety..... .75

Early Harvest. The earliest of all. .75

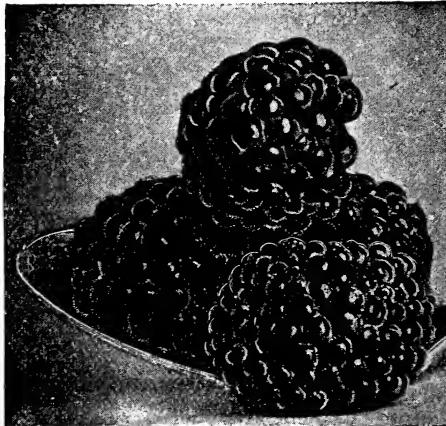
Kittatinny. Berries large and delicious in flavor..... .75

RATHBUN. We can offer this fine, new fruit with utmost confidence. Though new, it has been tried in many sections and the verdict is satisfactory from every source. Fruit is enormous—45 berries have filled a quart box—is sweet, firm, with very little core. Plants grow strong and erect, drooping over and propagating themselves like a blackcap Raspberry. Each, 15c; 3 for 40c; 12 for \$1.50, postpaid.

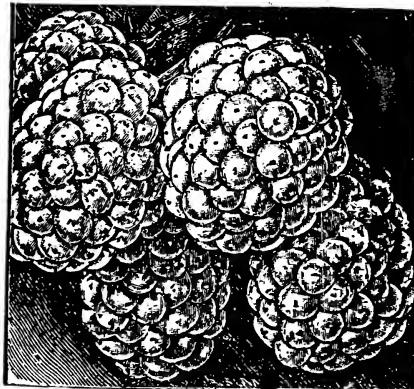
The Logan Berry. A hybrid of the raspberry and blackberry. The fruit is bright red, in form like large blackberries, combining the flavor of both raspberry and blackberry; pleasant and vinous, not only excellent for dessert, but good for canning, jellies, etc. Seeds few and small, strong grower, no thorns, but the canes have soft spines like the raspberry, with similar foliage. Each 10c; doz., \$1.00, by mail, postpaid.



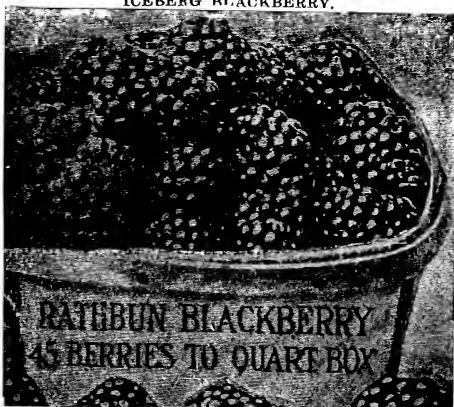
JESSIE STRAWBERRY.



CUMBERLAND BLACKBERRY.



ICEBERG BLACKBERRY.



RATHBUN BLACKBERRY
45 BERRIES TO QUART BOX

RATHBUN BLACKBERRY.

TOOLS AND IMPLEMENTS.



The Genuine Matthews Seed Drills, Single and Combined; Hand Cultivators and Wheel Hoes.

The Best Line of Implements for Planting and Cultivating Vegetable Crops to be found in America.

We deliver to any Depot or Express Office in Chicago at prices given here.

Matthews New Universal Drill.

THE STANDARD DRILL OF AMERICA.

Complete Catalogue of
Matthews Hand
.....GARDEN TOOLS.....
Free on Application.

It works on the agitator principle, which is certain in its action, and much preferable to any other method in dropping the seed, and besides there is nothing liable to get out of order or bind in the operation.

It opens the furrow, drops and covers the seed, rolls down the earth over it and marks the next row, all by simply pushing the drill forward. It sows with evenness and rapidity Peas, Beans, Broom Corn, Onion, Beet, Carrot, Parsnip, Sage, &c.



It is provided with an indicator having the names of different seeds thereon. Before planting turn the indicator around until the name of the

seed to be sown comes to the pin at the top. The index is right under your eye while the hopper is easily watched. The flow of seed can be instantly shut off by means of the attachment shown on the handle.

Beware of cheap imitations of this Drill. None genuine but those having the Patent Indicator,

Price, boxed, \$6.50

MATTHEWS GARDEN GEM DRILL.

This machine operates almost identically the same as the regular Matthews Garden Drill, but is smaller pattern. It will sow with equal accuracy most seed as perfectly as the most expensive drill, but is not large enough for the coarser seed like beans, peas and corn. It is just the thing for people with a small garden where fine seeds such as turnips, onions, carrots, etc., only, are planted. It will make the furrow, drop and cover the seed and mark the next row as perfectly as any machine. It is low priced, works like a charm and does its work thoroughly and well. This drill does not have the new seed cut-off.

Price, boxed, \$5.00

MATTHEWS "HILL AND DRILL" SEEDER.

The implement is the same in style and working qualities as the Garden Drill just described, but it is arranged so as to drop the seed either continuously in drill, or at distances of 4, 6, 8, 12, 16, 24 and 48 inches apart. The adjustment from drills to hills is made by one screw. The distance apart is regulated by the number of cogs on the Driving Wheel against which the agitator strikes. The seed cannot drop except when the hole in bottom of Seed Box is opened. This saves seed, as no more can be dropped at a time than is desired, no matter what the distance may be. If this implement is wanted, be sure and order the "Hill and Drill Seeder," as the regular garden drill cannot be fitted with the attachments. Price, boxed \$7.25

MATTHEWS COMBINED DRILL, CULTIVATOR, PLOW, RAKE AND DOUBLE WHEEL HOE.

Six Machines in One.

PRICE, BOXED,
only \$8.50

This illustration shows the Combination Implement as a Double Wheel Seeder—also the attachments. It is not only a desirable combination of the Garden Drill already described, with the New Universal Cultivating Attachments, but it has the advantage of being either a Double Wheel or Single Wheel implement at will, the change from the one to the other being readily made.

The two wheels are desirable, however, when used as a cultivator or wheel hoe, as in this way the rows of young plants may be straddled, and the cultivating done on both sides of the row at one passing. An especial feature of this implement is that when used in straddle row cultivation there is no projection below the frame to interfere with plants. The seeding and covering attachments can be readily removed when the implement is used for cultivating. It is not necessary to remove the seed box, but it can be taken off if desired, and the frame left without any unnecessary encumbrance. There are three adjustments for regulating depth when used as a Cultivator and five when used as a Seeder.

The combination is one which cannot fail of recommending itself to all. The attachments are: 1 pair Hoes, 5 Cultivator teeth, 1 pair Rakes, and 1 pair Plows.

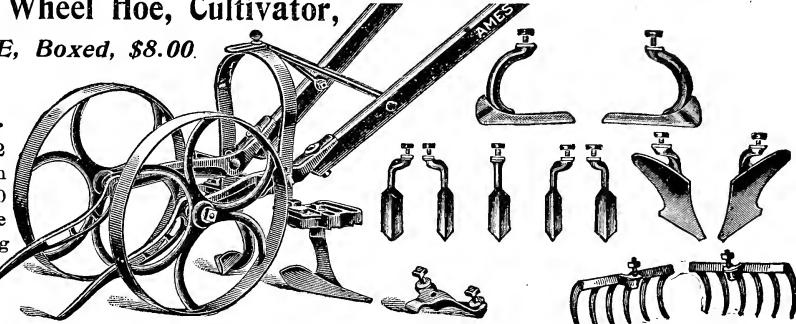
Remember, this is the only Combination Implement made that can be used either as a Seeder or as a Cultivator, with One or Two Wheels as desired. It is a perfect combination.



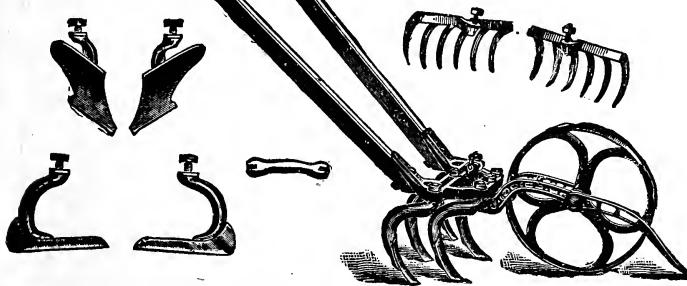
New Universal EXPANSION Wheel Hoe, Cultivator,**Rake and Plow.** *PRICE, Boxed, \$8.00.***HIGH ARCH.****A Double or Single Wheel Implement at will.**

In this new implement the wheels are 12 inches in diameter and the adjustable arch is high enough to cultivate over plants 20 inches or more in height. The Adjustable Arch also affords means for regulating depth and for setting pitch. This implement can be used either by a man or a boy.

The attachments are: 1 pair long bladed hoes, 1 pair short bladed hoes, 1 pair narrow cultivators, 1 pair wide cultivators, 1 center cultivator, 1 pair plows, 1 pair rakes, 1 pair vine guards, 1 center tooth holder.

**New Universal Single Wheel Hoe, Cultivator, Rake and Plow.***Price, boxed, with all attachments, \$4.50.*

This is an improvement over other tools of this type. It can be used either between or astride the rows, although it is really intended for between row cultivation. For straddle cultivation the wheel can be set to one side so as to bring the row of young plants under center of frame. The adjustment for graduating the depth of cultivation is unique and readily accomplished. The attachments are: 1 pair hoes, 5 cultivator teeth, 1 pair plows, 1 pair rakes, and 1 vine or leaf guard.

**New Universal No. 2 Single Wheel Hoe, Cultivator and Plow.**

This implement is the same as the regular Single Wheel Hoe, except that the attachments are 1 pair hoes, 3 cultivator teeth, 1 large plow. Price, \$4.00. If this machine is wanted, be sure to mention No. 2.

New Universal Double Wheel Hoe, Cultivator, Rake and Plow.*Price, boxed, \$5.25.*

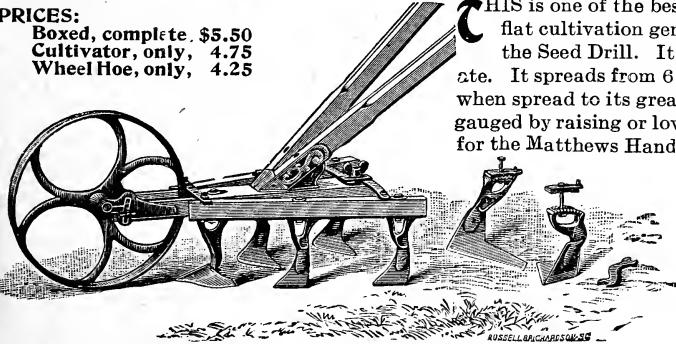
Specially designed for working both sides of the row at one passing. This new hand implement embraces all the good points of older efforts in the same line, and in addition offers new features which cannot fail of appreciation. The special recommendation is the *Adjustable Arch*, by which not only the *depth* of work can be gauged, but which, by an ingenious device, enables the teeth to be pitched at any angle desired. The attachments are: 1 pair hoes, 4 cultivator teeth, 1 pair plows, 1 pair rakes, and 1 pair vine guards.

New Universal Double Wheel Hoe.

WITH ONE PAIR OF HOES ONLY. The same machine as the New Universal Double Wheel Hoe, rakes, plows, cultivator teeth and leaf guards omitted. Price, boxed, \$3.50.

MATTHEWS HAND CULTIVATOR AND WHEEL HOE.**PRICES:**

Boxed, complete, \$5.50
Cultivator, only, 4.75
Wheel Hoe, only, 4.25



CHIS is one of the best implements in use for weeding between row crops, and flat cultivation generally, and is an indispensable companion implement to the Seed Drill. It is thoroughly constructed, very durable, and easy to operate. It spreads from 6 to 14 inches, and will cut all the ground covered, even when spread to its greatest extent. The depth of cultivation may be accurately gauged by raising or lowering the wheel, which is quickly done. We can furnish for the Matthews Hand Cultivator, if desired, a pair of superior style hoes, with long steel blades, for use in exchange with the cultivator teeth, which are easily and quickly adjusted, or we can furnish implement with hoe blades, and without cultivator teeth, if desired.

New Universal Hand Wheel Plow.

THIS little labor-saving implement is one that commends itself to all gardeners. It can be used to prepare the ground, to furrow out, to cover and to cultivate. The mould-board is of steel, polished and tempered. Price, boxed, \$2.00.

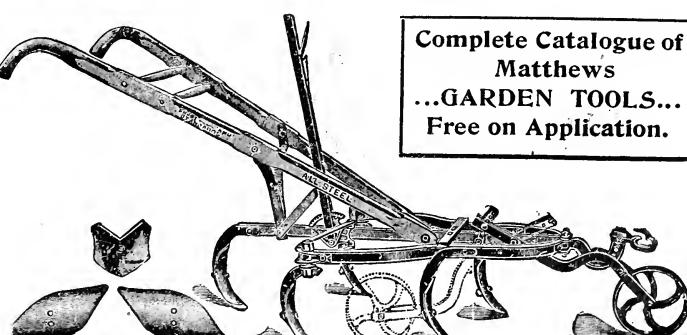
New Universal Harrow Cultivator,**WITH 14 TEETH.**

For close working among small plants where it is not desired to throw the dirt but simply to loosen and pulverize it. The teeth are adjustable, either side up, both straight and slanting, thus combining several implements. Price, \$7.25 f. o. b. cars, Chicago.

**Complete Catalogue of
Matthews
...GARDEN TOOLS...
Free on Application.**

New Universal "Excel" Horse Hoe and Cultivator.

This last addition to these famous Tools we can recommend as strictly first-class in every way and the equal of any implement in the market. Price, \$8.00.



Planet Jr. Farm and Garden Tools.

We pay the freight on "Planet Jr." Tools, to any Station east of the Rocky Mountains.

Planet Jr. Seed Drill No. 3.

THIS SEEDER will sow perfectly either in a continuous row, or drop the seed in hills 4, 6, 8, 12, or 24 inches apart.

Saves its cost over and over in seed alone. Will sow at any depth.

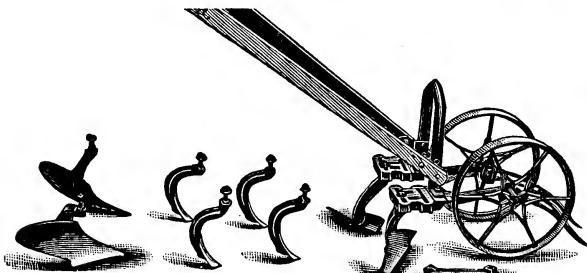
The hopper holds $2\frac{1}{2}$ quarts. Sows equally well whether the hopper is full or contains but a small quantity of seed. Price, \$10.00.

Planet Jr. Combined Drill and Double Wheel Hoe No. 25.

This is a new machine intended for those who have a large acreage to cultivate. As a Drill it is almost identical with No 3, and as a Wheel Hoe is the same as No. 12. The change from Drill to Double Wheel Hoe takes but a moment. Hopper holds $2\frac{1}{2}$ quarts or about 5 lbs. of onion seed. Price, \$13.00.

Combined Drill, Seeder, Wheel Hoe, Cultivator, Rake, and Plow No. 1.

Does the same work as the No. 2 Drill, with the added advantage of being a first-class wheel hoe, cultivator, and garden rake. It is without an equal in variety of tools, strength, lightness, and ease of adjustment. Price, \$9.50.



Planet Jr. Double Wheel Hoe, Cultivator, Rake, and Plow No. 12.

The amount of work which can be done with this machine is almost incredible. The machine has an unusually large equipment—seven pairs of tools in all. Price, \$6.50.

Planet Jr. Double Wheel Hoe, Cultivator, Rake, and Plow No. 11.

Adapted to almost every kind of work, especially for market garden crops. Price, complete, \$8.50.

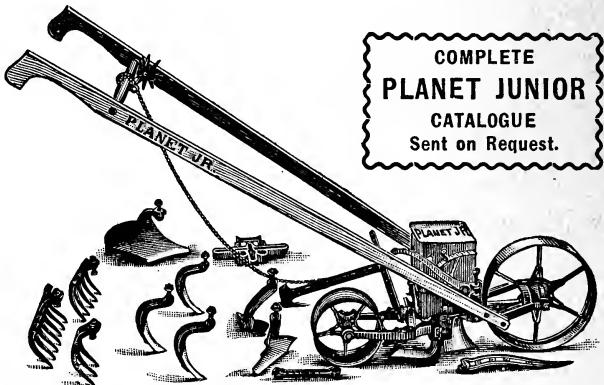
Planet Jr. Double Wheel Hoe—Plain.

This is the same as the complete machine, except that it is furnished with a pair of hoes only. Price, \$4.50.

Planet Jr. 12-Toothed Harrow Cultivator and Pulverizer.

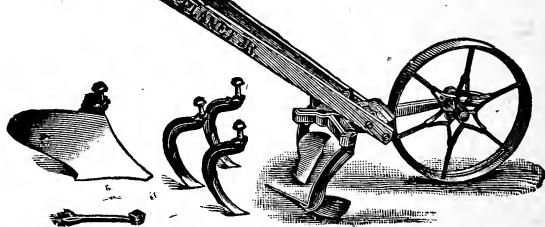


For thorough, fine work, without throwing earth on small plants, much valued by market gardeners. Price, plain, \$1.00; complete, \$7.50.



Hill and Drill Seeder and Cultivator Combined No. 4.

Sows and drops the same as No. 3. It is simple, durable, and very light running; thrown out of gear instantly and the flow of seed cut off, by simply raising the handles. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes one of the most admirable Single Wheel Hoes of the "Planet Jr." family. Price, \$11.00; as a Drill only, \$8.00.



Planet Jr. Single Wheel Hoe, Cultivator Rake, and Plow No. 16.

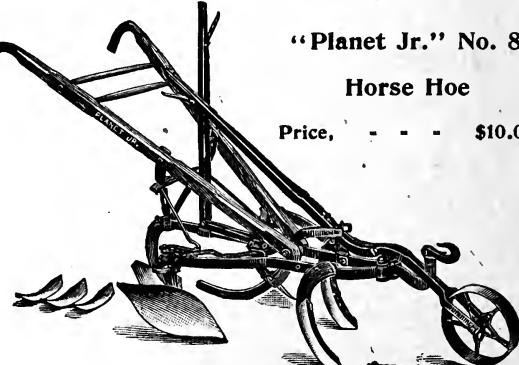
This single-wheel hoe is preferred by some. They are considerably lighter than the double, but do nearly the same variety of work. This machine has hoes, cultivators, rakes, and plow, and is capable of a great variety of combinations. Price, \$5.50.

Planet Jr. Single Wheel Hoe No. 17.

This machine is much the same as No. 16, with the exception that the rakes are omitted. Price, \$4.75.

Planet Jr. Single Wheel Hoe No. 18.

This tool has the same frame and handles as No. 16, but has one pair of 6-inch hoes only—the tools that are most constantly used during the season. Price, \$3.25.



"Planet Jr." No. 8

Horse Hoe

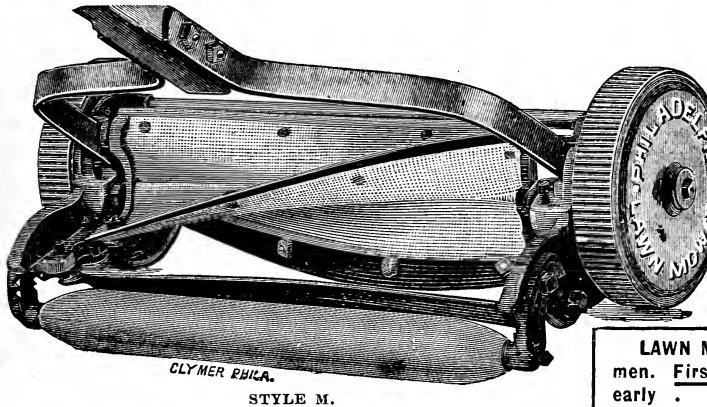
Price, - - - \$10.00

With all attachments, expanding lever; thoroughly first-class in every particular. Price, \$10.00.

**The Genuine
Philadelphia**

LAWN MOWERS.

Full descriptive circulars mailed on application.....



CLYMER RHICA.
STYLE M.

HAND MOWING MACHINES.

STYLE A. Width of cut, 15, 17, 19 and 21 inches. Four blades (all steel.) Height of driving wheel, 10 inches. Will cut high grass. The simplest of its kind.

STYLE E. Width of cut, 15, 17, 19 and 21 inches. Has high ten-inch driving wheel, four blades, cylinder 6½ inches. Unlike all other Mowers, the driving wheel and cylinder can be removed, leaving a solid frame.

STYLE K. Width of cut, 14, 16, 18 and 20 inches. This Mower is made on correct principles with a single Pinion and Five blades. It does the finest kind of work and is the lightest running Mower made. For a first-class Mower it has no equal.

STYLE T. Width of cut, 14, 16, 18 and 20 inches. Four blades, open wiper, with wrought iron riveted cylinder. The blades are BOLTED TO CYLINDER. They can be replaced at small cost; In repairing, saves the expense of a complete cylinder. It combines all the improvements of the Philadelphia, running light and doing fine work.

STYLE M. Width of cut, 10, 12, 14, 16, 18 and 20 inches. This mower is for general purposes, very popular, and adapted for rough, uneven grounds, as well as the finest smooth lawns. This machine does excellent work, is *easy* to run and *durable*.

STYLE C. Width of cut, 15, 16, 18 and 20 inches. This style has been manufactured to fill the demand for a *medium* high lawn mower that *has merit*. It has all improvements with a four-blade open cylinder and 8½ inch drive wheel. It runs lightly, does fine work and is a valuable addition to the list.

Special Prices for 1901.

| | |
|---------------------|---------|
| 10 in. Style M..... | \$ 4.25 |
| 12 " " M..... | 4.75 |
| 14 " " T or C..... | 5.50 |
| 16 " " T or C..... | 6.00 |
| 18 " " T or C..... | 6.50 |
| 20 " " T or C..... | 7.25 |
| 15 " " L..... | 7.50 |
| 17 " " L..... | 8.50 |
| 14 " " K..... | 5.75 |
| 16 " " K..... | 6.25 |
| 18 " " K..... | 7.00 |
| 20 " " K..... | 7.50 |
| 15 " " A..... | 9.50 |
| 17 " " A..... | 10.50 |
| 19 " " A..... | 11.50 |
| 21 " " A..... | 12.50 |
| 25 " Pony..... | 35.00 |
| 30 " Horse..... | 75.00 |

MUCH good money is annually wasted in buying cheap and worthless Lawn Mowers. This can be avoided by purchasing a well-made machine, and if costing a little more at the beginning, it will save many times the difference in cost in a short time, and give endless pleasure. The PHILADELPHIA LAWN MOWERS have long ago established their reputation as the BEST. They are constructed on the most thorough mechanical principles, and on account of their simplicity and superior construction are more durable and less liable to get out of order, and will do better work than any other lawn mower made.

LAWN MOWERS SHARPENED AND REPAIRED by skilled workmen. First-class work guaranteed. Please send in your machine early EXTRA PARTS KEPT IN STOCK.

GENUINE PHILADELPHIA HORSE MOWING MACHINES.

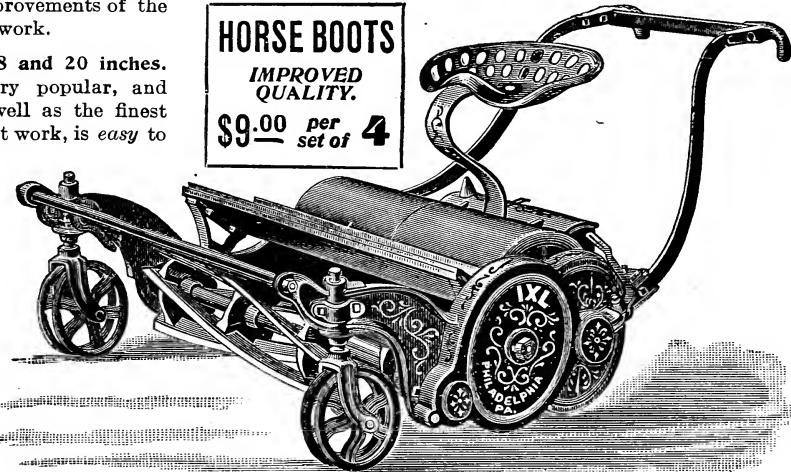
These machines are intended for parks and large open grounds, and are constructed in a most thorough manner. They are designed to be what they have already proved themselves to be—THE BEST HORSE LAWN MOWER FOR PARKS OR LARGE LAWNS EVER MADE. They will be found on government grounds, public grounds and fine parks in all parts of the country. Made in two patterns, open or closed cylinder.

PONY. Width of cut, 25 inches. Light in weight and draft. Strong and durable. Will do efficient work on a lawn where there is much shrubbery and trees.

HORSE. Width of cut, 30 inches. Suitable for a light horse. Weight, 313 lbs.

HORSE—I. X. L. PATTERN. Width of cut, 30, 35 and 40 inches. This machine is intended for parks and very large lawns. It is constructed in the most thorough and substantial manner and never fails to give satisfaction.

HORSE BOOTS
IMPROVED
QUALITY.
\$9.00 per set of 4



HORSE MOWER.

Genuine Philadelphia Golf Mower.

For the proper care of Golf Links it has been found necessary to build a machine having rapidly revolving blades, to insure a very close clip.

A Brief Description.

Eight blades; height of drawing wheel, 10 inches; diameter of cylinder, 7½ inches; train of three gears on one side of mower; either drawing wheel will work the mower. Various sizes. Send for special circular and prices.

SUNDRY USEFUL LAWN REQUISITES.

GRASS CATCHER, or LAWN MOWER'S PARTNER. Made of light material, and attached to the mowing machine the grass is collected so that it can be removed from the lawn. Adjustable to mowers of different widths of cut..... \$1.25

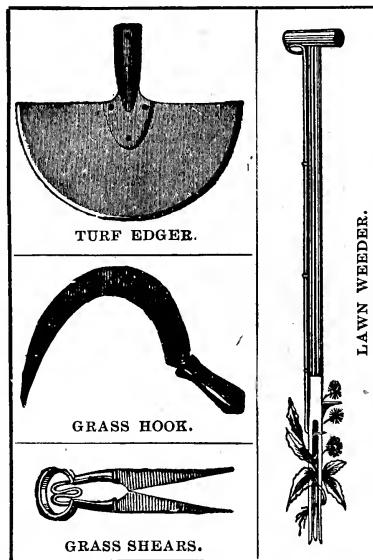
GRASS HOOKS OR SICKLES. Imported English. Extra quality, riveted backs; strong and will hold an edge. No. 0, 50c; No. 1..... .60
Common Sickles

GRASS SHEARS. Similar to Sheep Shears. Common, 60c; Imported, 1.25

HOSE. Rubber. Guaranteed quality; $\frac{3}{4}$ in., 50 ft., with couplings..... 6.50

HOSE NOZZLES. Gem. Throw any kind of a stream from solid to the finest spray..... .35

GEM NOZZLE HOLDER. A device for holding hose if nozzle is used for sprinkling



Iron Lawn Rollers. No lawn can be maintained in good order without successive rollings, which work should be done in the spring before the ground becomes dry. These rollers are made in two sections, and are preferable for lawns, as they can be turned without injuring the grass. They are made with weights, which keep the handle up from the ground.

| | |
|--|---------|
| 1 sec. 12 in. long, 20 in. diameter, 190 lbs..... | \$ 7.00 |
| 2 sec. each 7½ in. long, 15 in. diameter, 125 lbs..... | 5.75 |
| 2 sec. each 12 in. long, 20 in. diameter, 300 lbs..... | 12.25 |
| 2 sec. each 12 in. long, 24 in. diameter, 400 lbs..... | 15.75 |
| 2 sec. 12x28, 550 lbs..... | 21.00 |

TURF EDGERS. Sharp, rounded blades for trimming edges of borders, walks, etc. **Common**, 35c; **Imported**..... 1.00

LAWN SPRINKLERS.

PHILADELPHIA. Unlike all other Sprinklers, this does its work perfectly, without a revolving motion, making it durable..... \$.75
Send for Special Circular.

ARC LAWN SPRINKLER. A thoroughly good sprinkler, having the additional advantage of distributing water in half or full circle as desired..... 1.50

ELGIN. Finely arranged on a frame, so it can be moved about without wading in grass or stopping water. Throws a large volume of water..... .75

LAWN RAKES. Gibbs' 24 in. head, with guard to prevent grass from falling over back; 30 copper steel wire teeth. Teeth are so constructed as to prevent digging up the soil or clogging

Canton. Similar to Gibbs', but without guard..... .50

LAWN SCYTHES. English. Best scythe that can be used on the lawn; no trouble to keep sharp; 36 in., \$1.25; 38 in..... 1.50

LAWN WEEDER. The simplest and most certain weed destroyer ever seen. A light pressure into the soil grasps the weed and a slight pull dislodges it..... .50

SCYTHE SNATHS.

SCYTHE STONES. English Round Talacre..... .15

Common..... .05

SHEARS. Border Grass, 9-inch blade..... 2.00

Border Grass, with wheel 9-inch blade..... 2.50

Superb Corn Planter.

This Rotary Drop Planter is provided with three seed plates, varying in size, so that any desired number of grains may be dropped. It has hard wood staffs and spring steel points, accurately fitted. A coil spring between the staffs keeps the planter in position for entering the soil, entirely obviating the danger of clogging the points....\$1.00

Challenge Potato Planter.

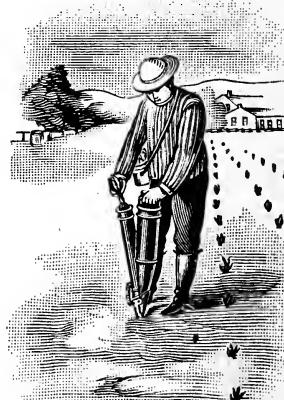
It is claimed that potatoes planted with this device sprout more quickly and uniformly than when planted in the ordinary way, as the seed is deposited in earth that has not been sun-dried and at a uniform depth. Tests made the past season by practical farmers are reported to have thoroughly proved the Planter's efficiency. All the principal parts of the implement are made of steel, it being constructed with a view to secure not only great strength but little weight. The handle is adjustable and can be raised or lowered to suit the convenience of the person using it. In planting with the implement the jaws enter the soil until the front lever strikes the ground, when the next step of the operator forces the top of the planter forward, causing the lever to open the jaws and drop the seed. Price....\$1.25



POULTRY SUPPLIES.

Crushed Oyster Shells. Manufactured from good, clean stock. Used by all poultrymen. 5 lbs., 15c; 25 lbs., 45c; 100 lbs., \$1.00; bbl. of 275 lbs., \$3.00.

Crushed Ground Bone. About the size of wheat or cracked corn, especially prepared for chickens. 50 lbs., \$1.75; 100 lbs., \$3.00.



Little Giant Plant Setter.

This little machine is capable of transplanting 7,000 plants a day, and in operation is found neither heavy nor tiresome. It weighs just four and one-half pounds when empty, and carries water or liquid fertilizer sufficient to set one to two hundred plants. It deposits every plant root securely in the cool, damp soil below the surface, and will set, water, and cover all in one operation. The roots are thus set in nature's own way, and are not cramped nor pressed into crooked or unnatural shape. Pr., \$8.75

GARDENING TOOLS AND SUNDRIES.

PRICES GIVEN BELOW DO NOT INCLUDE PREPAYING OF CHARGES EXCEPT WHERE NOTED.

EACH.

BELLOWs. For applying powdered insecticides to plants. Two sizes, \$1.00..... \$1.25

CORN AND SEED PLANTER. Chautauqua. Unequaled for simplicity, durability and efficiency. It is used like a cane, is self-acting in its operation, has an extra tube for pumpkin seeds, that they can be dropped with the corn. It will plant any kind of garden seeds, as it has this extra tube 1.00

CORN PLANTER, Superb. See description on page 102. 1.00

DANDELION PULLERS. English..... 1.00

DIBBER. For transplanting vegetable plants, steel points; very desirable; postpaid, 60c..... .50

FLOWER POTS. Must go by freight. Write for price. State size and quantity desired,

FORKS. Hand weeding. Mailed, 20c..... .15

GARDEN LINES, strong braided, 100 feet..... .60

" LINE REELS..... .50

GARDENING TOOLS. Ladies' and Children's set, contains trowel, rake, hoe and weeder. Per set..... .35

GRAFTING WAX. $\frac{1}{2}$ lb., 30c; per lb..... .50

If to be mailed, add 16c per lb.

HOSE, Rubber. See "Sundries for Lawn," page 102.

HOES, Welded Dutch Scuffle. (Handles 15c each, extra)

..... 6 in., 60c; 7 in., 65c; 8 in., .75

Common Scuffle..... 6 in., 30c; 8 in., .45

INSECT DESTROYERS. See page 57.

KNIVES, Pruning, English. (Saynor and Cook)..... 1.50

Pruning, American..... .75

Budding..... No. 300, \$1.00; No. 207, \$1.25; No. 204 1.50

Asparagus, Imported. Saw tooth blade

Seed Potato..... Humphreys, 30c; postpaid, .35

LABELS, Painted-Wood Pot Labels.. 4 in., per 100, 15c;

per 1000, 75c; 6 in., per 100, 25c; per 1000..... 1.50

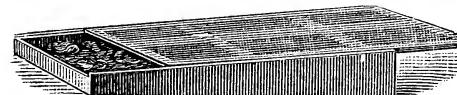
LAWN TOOLS and Sundries. See page 102.

MASTICA. For glazing sashes, greenhouses, etc. Superior to putty..... $\frac{1}{4}$ gal., 35c; $\frac{1}{2}$ gal., 60c; gal., 1.00

Machine for applying above, each..... 1.00

MOLE TRAPS. Olmsted's Improved. It is simple in construction and safe to handle so that a child may set it. It does its work effectually and surely, never failing to get the mole if properly placed. Price..... 1.50

PLANT SETTER. See ill. and description on page 102, 3.75

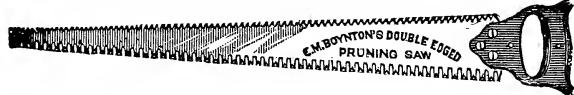


PROTECTING CLOTH, or Waterproof Fibre. Especially prepared to prevent mildewing and rotting; valuable for forwarding and protecting early plants from frosts, covering hot beds and frames in spring, in lieu of glass (after excessive freezing weather is over), and for throwing over bedding plants at night in fall, at one-tenth the cost of glass. (Pieces contain from 40 to 60 yards). **Heavy Grade**, per yard, 15c; by piece per yard, 12 $\frac{1}{2}$ c.

Medium Grade, best for general purposes, per yard, 10c; by piece, per yard, 8 $\frac{1}{2}$ c.

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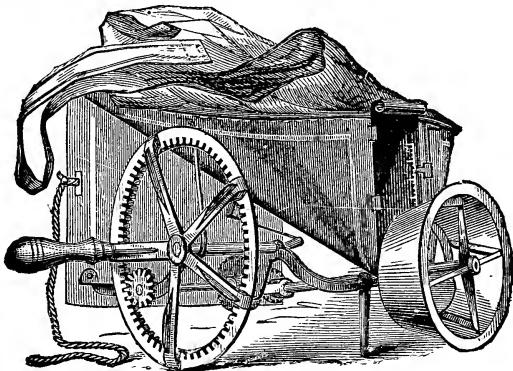
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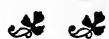
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PRUNING SAW AND CHISEL..... .75

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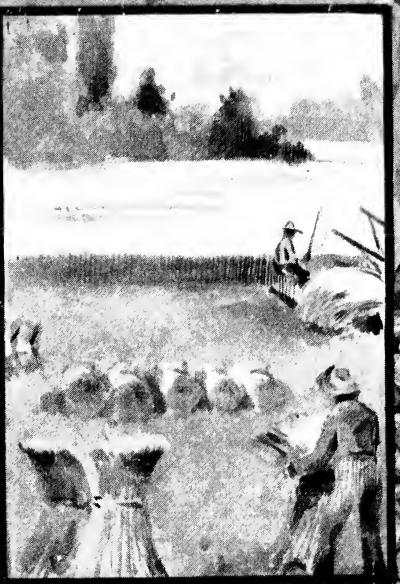
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